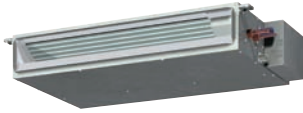


PEFY-P-NMSU-E/PEFY-P-NMAU-E/PEFY-P-NMHU-E

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CEILING-CONCEALED (LOW/MEDIUM/HIGH-STATIC PRESSURE)



PEFY-P-NMSU-E



PEFY-P-NMAU-E

PEFY-P-NMSU-E (Low Profile) PEFY-P-NMAU-E (Medium Static) PEFY-P-NMHU-E (Alt. High Static)



PEFY-P-NMHU-E

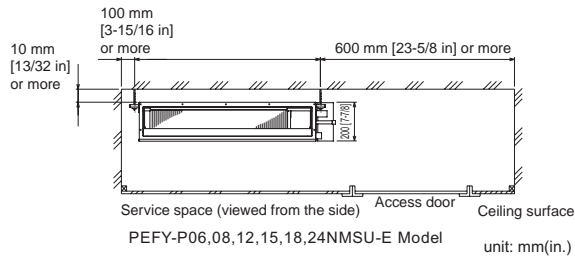
Flexible design allows for elegant interior layout



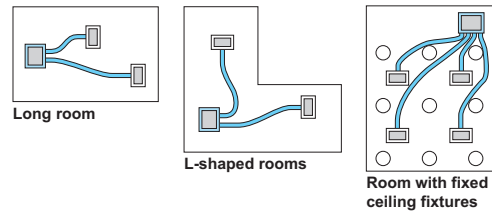
■ Designed to be neither seen nor heard, just to perform

The PEFY models are high-performance, ceiling-concealed indoor units. In fact, if it weren't for the constantly comfortable environment these units deliver, you would not know they were there. The ducted fan coils are designed to be installed above the ceiling, hidden from public view, and they're extremely quiet with lowest sound of 22 dBA. The PEFY are extremely easy to access and maintain according to their application. They open on one side so you can easily access the fan or motor for maintenance. They can be easily customized to your cooling and heating needs. The external static pressure settings are adjustable to meet different application conditions such as the use of a high performance filter.

7-7/8" extremely thin body of PEFY-NMSU-E requires less ceiling space

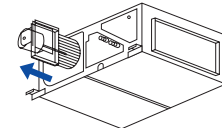


The additional external static pressure up to 0.8 in.WG on PEFY-NMHU-E provides flexibility for duct extension, branching, and air outlet configuration.



■ Maintain from just one side

For PEFY-P-NMHU-E, all the maintenance work can be done from the side inspection hole.



■ Sound Pressure Levels

	Low airflow	Middle airflow	High airflow
PEFY-P06NMSU-E	22 dBA	24 dBA	28 dBA
PEFY-P08NMSU-E	23 dBA	26 dBA	30 dBA
PEFY-P12NMSU-E	23 dBA	28 dBA	35 dBA
PEFY-P15NMSU-E	28 dBA	30 dBA	33 dBA
PEFY-P18NMSU-E	30 dBA	34 dBA	37 dBA
PEFY-P24NMSU-E	30 dBA	35 dBA	40 dBA

* (Details are referred to in the specification sheet.)

■ PEFY-P-NMSU has a condensate lift of 21-11/16 in., and PEFY-P-NMAU has a condensate lift of 27-9/16 in.

Ceiling concealed	P06	P08	P12	P15	P18	P24	P27	P30	P36	P48	P54	P72	P96
Nominal cooling cap.*1 BTU/h	6,000	8,000	12,000	15,000	18,000	24,000	27,000	30,000	36,000	48,000	54,000	72,000	96,000
Nominal heating cap.*2 BTU/h	6,700	9,000	13,500	17,000	20,000	27,000	30,000	34,000	40,000	54,000	60,000	80,000	108,000
PEFY-P-NMSU-E	●	●	●	●	●	●							
PEFY-P-NMAU-E	●	●	●	●	●	●	●	●	●	●	●		
PEFY-P-NMHU-E				●	●	●	●	●	●	●	●	●	●

* Refer to the Nominal conditions *1, *2 in the Specification sheet.

1. SPECIFICATIONS

PEFY-P-NMSU-E
PEFY-P-NMAU-E
PEFY-P-NMHU-E

Model		PEFY-P06NMSU-E	PEFY-P08NMSU-E	PEFY-P12NMSU-E	PEFY-P15NMSU-E	
Power source		1-phase 208/230v 60Hz				
Cooling capacity *1 (Nominal)	Btu / h	6,000	8,000	12,000	15,000	
	kW	1.8	2.3	3.5	4.4	
	Power input	kW	0.05/0.05	0.06/0.06	0.07/0.07	0.07/0.07
	Current input	A	0.42/0.41	0.51/0.49	0.56/0.53	0.57/0.55
Heating capacity *2 (Nominal)	Btu / h	6,700	9,000	13,500	17,000	
	kW	2.0	2.6	4.0	5.0	
	Power input	kW	0.03/0.03	0.04/0.04	0.05/0.05	0.05/0.05
	Current input	A	0.32/0.31	0.41/0.39	0.46/0.43	0.47/0.45
MCA	A	0.47 / 0.50	0.47 / 0.50	0.68 / 0.74	1.20 / 1.33	
External finish		Galvanized				
External dimension H x W x D	in.	7-7/8 X 31-1/8 X 27-9/16	7-7/8 X 31-1/8 X 27-9/16	7-7/8 X 31-1/8 X 27-9/16	7-7/8 X 39 X 27-9/16	
	mm	200 X 790 X 700	200 X 790 X 700	200 X 790 X 700	200 X 990 X 700	
Net weight	Lbs (kg)	42(19)	42(19)	46(20)	54(24)	
Heat exchanger		Cross fin(aluminium fin and copper tube)				
Fan *4	Type x quantity	Sirocco fan x 2		Sirocco fan x 2		
	External Static pressure	in.WG	0.02-(0.06*)-0.14-0.20 (208V)	0.02-(0.06*)-0.14-0.20 (208V)	0.02-(0.06*)-0.14-0.20 (208V)	0.02-(0.06*)-0.14-0.20 (208V)
		PA	5-(15*)-35-50	5-(15*)-35-50	5-(15*)-35-50	5-(15*)-35-50
		in.WG	0.02-(0.06*)-0.14-0.20 (230V)	0.02-(0.06*)-0.14-0.20 (230V)	0.02-(0.06*)-0.14- 0.20(230V)	0.02-(0.06*)-0.14- 0.20(230V)
		PA	5-(15*)-35-50	5-(15*)-35-50	5-(15*)-35-50	5-(15*)-35-50
	Motor type	DC brushless motor				
	Motor output	kW	0.096	0.096	0.096	0.096
	Driving mechanism	Direct-driven				
	Airflow rate (Low-Mid-High)	cfm	176-212-247	194-247-317	211-282-370	282-335-388
		m ³ / min.	5-6-7	5.5-7-9	6-8-10.5	8-9.5-11
L / s		83-100-117	91-116-150	100-133-175	133-158-183	
Sound pressure level (Low-Mid-High) (Measured in anechoic room) *4	dB <A>	22-24-28 (208V)	23-26-30 (208V)	23-28-35 (208V)	28-30-33 (208V)	
	dB<A>	22-24-28 (230V)	23-26-30 (230V)	23-28-35 (230V)	28-30-33 (230V)	
	dB <A>	-	-	-	-	
Insulation material		Polystyrene foam,polyethylene foam,urethane foam				
Air filter		PP honeycomb fabric (washable)				
Protection Device		Fuse				
Refrigerant Control Device		LEV				
Connectable Outdoor Unit		*3	R410A,R22 CITY MULTI	R410A,R22 CITY MULTI	R410A,R22 CITY MULTI	
Diameter of refrigerant pipe (O.D.)	Liquid (R410A) (R22)	in. (mm)	1/4 (6.35) Brazed	1/4 (6.35) Brazed	1/4 (6.35) Brazed	1/4 (6.35) Brazed
			1/4 (6.35) Brazed	1/4 (6.35) Brazed	1/4 (6.35) Brazed	1/4 (6.35) Brazed
	Gas (R410A) (R22)	in. (mm)	1/2 (12.7) Brazed	1/2 (12.7) Brazed	1/2 (12.7) Brazed	1/2 (12.7) Brazed
			1/2 (12.7) Brazed	1/2 (12.7) Brazed	1/2 (12.7) Brazed	1/2 (12.7) Brazed
Diameter of drain pipe		in. (mm)	O.D. 1-1/4(32)	O.D. 1-1/4(32)	O.D. 1-1/4(32)	O.D. 1-1/4(32)
Drain lift mechanism		in. (mm)	21-11/16 (551)	21-11/16 (551)	21-11/16 (551)	21-11/16 (551)
Drawing	External	WKB94L522				
	Wiring	WKB94L523				
	Refrigerant cycle	-				
Standard Attachment	Document	Installation manual, instruction book				
Optional Parts	Accessory	Drain hose (flexible joint)				
External heater adaptor		CN24RELAY-KIT-CM	CN24RELAY-KIT-CM	CN24RELAY-KIT-CM	CN24RELAY-KIT-CM	
Remark	Ventilation Air: Providing sufficient ventilation air is an important part of every building design. ASHRAE standard 62 provides the minimum ventilation air requirements. Also check local codes.					
	Installation	Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.				

Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
Indoor:	80degF D.B. / 67degF W.B. (26.7degC D.B. / 19.4degC W.B.)	70degF D.B. (21.1degC D.B.)	kcal/h = kW x 860 BTU/h = kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	cfm = m3/min x 35.31 lbs = kg / 0.4536
Pipe length:	25 ft. (7.6 m)	25 ft. (7.6 m)	*Above specification data is subject to rounding variation.
Level difference:	0 ft. (0 m)	0 ft. (0 m)	
*3 PUHY-THMU, PURY-THMU, PUHY-YHMU, PURY-YHMU, PQHY, PQRU, PUHY-HP, PUMY-NHMU, PUHY-T/YHMU, PURY-T/YHMU			
*4 The external static pressure is set to 15 Pa (0.06 in. WG) at factory shipment.			
*Due to continuing improvement, above specification may be subject to change without notice.			

1. SPECIFICATIONS

Model			PEFY-P18NMSU-E	PEFY-P24NMSU-E	
Power source			1-phase 208/230V 60Hz		
Cooling capacity *1 (Nominal)	Btu / h		18,000	24,000	
	kW		5.3	7.0	
	Power input	kW	0.09/0.09	0.12/0.12	
	Current input	A	0.74/0.70	0.98/0.93	
Heating capacity *2 (Nominal)	Btu / h		20,000	27,000	
	kW		5.9	7.9	
	Power input	kW	0.07/0.07	0.10/0.10	
	Current input	A	0.64/0.60	0.88/0.83	
MCA	A	1.20 / 1.33	1.57 / 1.73		
External finish			Galvanized		
External dimension H x W x D	in.		7-7/8 x 39 x 27-9/16	7-7/8 x 46-7/8 x 27-9/16	
	mm		200 x 990 x 700	200 x 1190 x 700	
Net weight	Lbs (kg)		54(24)	62(28)	
Heat exchanger			Cross fin(Aluminium fin and copper tube)		
Fan *3	Type x quantity		Sirocco fan x 3	Sirocco fan x 4	
	External Static pressure	in.WG		0.02-(0.06*)-0.14-0.20 (208V)	0.02-(0.06*)-0.14-0.20(208V)
		PA		5-(15*)-35-50	5-(15*)-35-50
		in.WG		0.02-(0.06*)-0.14-0.20 (230V)	0.02-(0.06*)-0.14-0.20(230V)
		PA		5-(15*)-35-50	5-(15*)-35-50
	Motor type		DC brushless motor		
	Motor output		kW	0.096	0.096
	Driving mechanism		Direct-driven		
	Airflow rate (Low-Mid-High)	cfm		353-441-529	423-565-706
		m ³ / min.		10-12.5-15	12-16-20
L / s			167-208-250	200-267-333	
Sound pressure level (Low-Mid-High) (Measured in anechoic room) *3	dB <A>		30-34-37 (208V)	30-35-40 (208V)	
	dB<A>		30-34-37 (230V)	30-35-40 (230V)	
	dB <A>		-	-	
Insulation material			Polystyrene foam, Polyethylene foam, Urethane foam		
Air filter			PP Honeycomb fabric (washable)		
Protection Device			Fuse		
Refrigerant Control Device			LEV		
Connectable Outdoor Unit			R410A, R22 CITY MULTI	R410A, R22 CITY MULTI	
Diameter of refrigerant pipe (O.D.)	Liquid (R410A) (R22)	in. (mm)	1/4 (6.35) Brazed	3/8 (9.52) Brazed	
			3/8 (9.52) Brazed	3/8 (9.52) Brazed	
	Gas (R410A) (R22)	in. (mm)	1/2 (12.7) Brazed	5/8 (15.88) Brazed	
			5/8 (15.88) Brazed	5/8 (15.88) Brazed	
Diameter of drain pipe		in. (mm)	O.D. 1-1/4(32)	O.D. 1-1/4(32)	
Drain lift mechanism		in. (mm)	21-11/16 (551)	21-11/16 (551)	
Drawing	External		WKB94L522		
	Wiring		WKB94L523		
	Refrigerant cycle		-		
Standard Attachment	Document		Installation Manual, Instruction Book		
	Accessory		Drain hose (flexible joint)		
Optional Parts	External heater adaptor		CN24RELAY-KIT-CM	CN24RELAY-KIT-CM	
Remark			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.		
<p>Ventilation Air: Providing sufficient ventilation air is an important part of every building design. ASHRAE standard 62 provides the minimum ventilation air requirements. Also check local codes.</p>					

Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
Indoor:	80degF D.B. / 67degF W.B. (26.7degC D.B. / 19.4degC W.B.)	70degF D.B. (21.1degC D.B.)	kcal/h = kW x 860
			BTU/h = kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	cfm = m ³ /min x 35.31
			lbs = kg / 0.4536
Pipe length:	25 ft. (7.6 m)	25 ft. (7.6 m)	*Above specification data is subject to rounding variation.
Level difference:	0 ft. (0 m)	0 ft. (0 m)	
*3 The external static pressure is set to 15 Pa (0.06 in. WG) at factory shipment.			
*Due to continuing improvement, above specification may be subject to change without notice.			

1. SPECIFICATIONS

Model			PEFY-P06NMAU-E	PEFY-P08NMAU-E	PEFY-P12NMAU-E	PEFY-P15NMAU-E	
Power source			1-phase 208-230V (60Hz)	1-phase 208-230V (60Hz)	1-phase 208-230V (60Hz)	1-phase 208-230V (60Hz)	
Cooling capacity *1 (Nominal)	BTU / h		6,000	8,000	12,000	15,000	
		kW	1.8	2.3	3.5	4.4	
	Power input	kW	0.06	0.06	0.09	0.09	
		A	0.56	0.56	0.66	0.67	
Heating capacity *2 (Nominal)	BTU / h		6,700	9,000	13,500	17,000	
		kW	2.0	2.6	4.0	5.0	
	Power input	kW	0.04	0.04	0.07	0.07	
		A	0.45	0.45	0.55	0.56	
MCA	A	1.05	1.05	1.21	1.45		
External finish			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	
External dimension HxWxD			in.	9-7/8 x 27-9/16 x 28-7/8	9-7/8 x 27-9/16 x 28-7/8	9-7/8 x 27-9/16 x 28-7/8	9-7/8 x 35-7/16 x 28-7/8
			mm	250 x 700 x 732	250 x 700 x 732	250 x 700 x 732	250 x 900 x 732
Net weight			kg(lbs)	23(51)	23(51)	23(51)	26(58)
Heat exchanger			Cross fin(Aluminium fin and copper tube)	Cross fin(Aluminium fin and copper tube)	Cross fin(Aluminium fin and copper tube)	Cross fin(Aluminium fin and copper tube)	
FAN	Type x Quantity		Sirocco fan x 1	Sirocco fan x 1	Sirocco fan x 1	Sirocco fan x 1	
	External static press.	in.WG	0.14-(0.20*)-0.28-0.40-0.60	0.14-(0.20*)-0.28-0.40-0.60	0.14-(0.20*)-0.28-0.40-0.60	0.14-(0.20*)-0.28-0.40-0.60	
		Pa	35-(50*)-70-100-150	35-(50*)-70-100-150	35-(50*)-70-100-150	35-(50*)-70-100-150	
	Motor Type		DC brushless motor	DC brushless motor	DC brushless motor	DC brushless motor	
	Motor output	kW	0.085	0.085	0.085	0.085	
	Driving mechanism		Direct-driven by motor	Direct-driven by motor	Direct-driven by motor	Direct-driven by motor	
	Air flow rate (Low-Mid-High)	cfm	212 - 265 - 300	212 - 265 - 300	265 - 318 - 371	353 - 424 - 494	
		m3 / min	6.0 - 7.5 - 8.5	6.0 - 7.5 - 8.5	7.5 - 9.0 - 10.5	10.0 - 12.0 - 14.0	
	L/s	100 - 125 - 142	100 - 125 - 142	125 - 150 - 175	167 - 200 - 233		
Sound pressure level (measured in anechoic room)*3			dB <A>	26 - 28 - 29	26 - 28 - 29	28 - 30 - 34	28 - 30 - 34
Insulation material			EPS, Polyethylene foam, Urethane foam	EPS, Polyethylene foam, Urethane foam	EPS, Polyethylene foam, Urethane foam	EPS, Polyethylene foam, Urethane foam	
Air filter			PP Honeycomb fabric	PP Honeycomb fabric	PP Honeycomb fabric	PP Honeycomb fabric	
Protection device			Fuse	Fuse	Fuse	Fuse	
Refrigerant control device			LEV	LEV	LEV	LEV	
Connectable outdoor unit			R410A,R22 CITY MULTI	R410A,R22 CITY MULTI	R410A,R22 CITY MULTI	R410A,R22 CITY MULTI	
Diameter of refrigerant pipe	Liquid (R410A) (R22)	mm(in.)	6.35 (1/4) Brazed	6.35 (1/4) Brazed	6.35 (1/4) Brazed	6.35 (1/4) Brazed	
			6.35 (1/4) Brazed	6.35 (1/4) Brazed	6.35 (1/4) Brazed	6.35 (1/4) Brazed	
	Gas (R410A) (R22)	mm(in.)	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	
			12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	
Drain Lift Mechanism			in.	27-9/16	27-9/16	27-9/16	27-9/16
Field drain pipe size			mm(in.)	O.D. 32(1-1/4)	O.D. 32(1-1/4)	O.D. 32(1-1/4)	O.D. 32(1-1/4)
Drawing	External		KB94R527	KB94R527	KB94R527	KB94R527	
	Wiring		KB94R531	KB94R531	KB94R531	KB94R531	
	Refrigerant cycle		-	-	-	-	
Standard attachment	Document		Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book	
	Accessory		Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band	Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band	Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band	Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band	
Optional parts			External Heater Adapter	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	
Remarks			* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. * Due to continuing improvement, above specifications may be subject to change without notice.				

Ventilation Air: Providing sufficient ventilation air is an important part of every building design. ASHRAE standard 62 provides the minimum ventilation air requirements. Also check local codes.

Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
Indoor:	80degF D.B. / 67degF W.B. (26.7degC D.B. / 19.4degC W.B.)	70degF D.B. (21.1degC D.B.)	kcal/h = kW x 860 BTU/h = kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	cfm = m3/min x 35.31 lbs = kg / 0.4536
Pipe length:	25 ft. (7.6 m)	25 ft. (7.6 m)	*Above specification data is subject to rounding variation.
Level difference:	0 ft. (0 m)	0 ft. (0 m)	
*3 The rated external static pressure is set to 50 Pa (0.20 in. WG) at factory shipment.			
*Due to continuing improvement, above specification may be subject to change without notice.			

1. SPECIFICATIONS

Model		PEFY-P18NMAU-E	PEFY-P24NMAU-E	PEFY-P27NMAU-E	PEFY-P30NMAU-E		
Power source		1-phase 208-230V (60Hz)	1-phase 208-230V (60Hz)	1-phase 208-230V (60Hz)	1-phase 208-230V (60Hz)		
Cooling capacity *1 (Nominal)	BTU / h	18,000	24,000	27,000	30,000		
	kW	5.3	7.0	7.9	8.8		
	Power input	kW	0.11	0.12	0.14	0.14	
	Current input	A	0.77	1.04	1.18	1.18	
Heating capacity *2 (Nominal)	BTU / h	20,000	27,000	30,000	34,000		
	kW	5.9	7.9	8.8	10.0		
	Power input	kW	0.09	0.10	0.12	0.12	
	Current input	A	0.66	0.93	1.07	1.07	
MCA	A	1.56	2.25	2.49	2.50		
External finish		Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate		
External dimension HxWxD		in.	9-7/8 x 35-7/16 x 28-7/8	9-7/8 x 43-5/16 x 28-7/8	9-7/8 x 43-5/16 x 28-7/8		
		mm	250 x 900 x 732	250 x 1100 x 732	250 x 1100 x 732	250 x 1100 x 732	
Net weight		kg(lbs)	26(58)	32(71)	32(71)	32(71)	
Heat exchanger		Cross fin(Aluminium fin and copper tube)		Cross fin(Aluminium fin and copper tube)	Cross fin(Aluminium fin and copper tube)		
FAN	*3 Type x Quantity	Sirocco fan x 1		Sirocco fan x 2	Sirocco fan x 2		
	External static press.	in.WG	0.14-(0.20)*-0.28-0.40-0.60	0.14-(0.20)*-0.28-0.40-0.60	0.14-(0.20)*-0.28-0.40-0.60	0.14-(0.20)*-0.28-0.40-0.60	
		Pa	35-(50)*-70-100-150	35-(50)*-70-100-150	35-(50)*-70-100-150	35-(50)*-70-100-150	
	Motor Type		DC brushless motor	DC brushless motor	DC brushless motor	DC brushless motor	
	Motor output		kW	0.085	0.121	0.121	0.121
	Driving mechanism		Direct-driven by motor				
	Air flow rate (Low-Mid-High)	cfm	424 - 512 - 600	477 - 565 - 671	512 - 636 - 742	512 - 636 - 742	
		m3 / min	12.0 - 14.5 - 17.0	13.5 - 16.0 - 19.0	14.5 - 18.0 - 21.0	14.5 - 18.0 - 21.0	
L/s		200 - 242 - 283	225 - 267 - 317	242 - 300 - 350	242 - 300 - 350		
Sound pressure level (measured in anechoic room)*3		dB <A>	28 - 32 - 35	29 - 32 - 36	30 - 34 - 38	30 - 34 - 38	
Insulation material		EPS,Polyethylene foam,Urethane foam		EPS,Polyethylene foam,Urethane foam	EPS,Polyethylene foam,Urethane foam		
Air filter		PP Honeycomb fabric		PP Honeycomb fabric	PP Honeycomb fabric		
Protection device		Fuse		Fuse	Fuse		
Refrigerant control device		LEV		LEV	LEV		
Connectable outdoor unit		R410A,R22 CITY MULTI		R410A,R22 CITY MULTI	R410A,R22 CITY MULTI		
Diameter of refrigerant pipe	Liquid (R410A) (R22)	mm(in.)	6.35 (1/4) Brazed	9.52 (3/8) Brazed	9.52 (3/8) Brazed	9.52 (3/8) Brazed	
		mm(in.)	9.52 (3/8) Brazed	9.52 (3/8) Brazed	9.52 (3/8) Brazed	9.52 (3/8) Brazed	
	Gas (R410A) (R22)	mm(in.)	12.7 (1/2) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	
		mm(in.)	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	
Drain Lift Mechanism		in.	27-9/16	27-9/16	27-9/16	27-9/16	
Field drain pipe size		mm(in.)	O.D. 32(1-1/4)	O.D. 32(1-1/4)	O.D. 32(1-1/4)	O.D. 32(1-1/4)	
Drawing	External	KB94R527		KB94R527	KB94R527	KB94R527	
	Wiring	KB94R531		KB94R531	KB94R531	KB94R531	
	Refrigerant cycle	-		-	-	-	
Standard attachment	Document	Installation Manual,Instruction Book		Installation Manual,Instruction Book	Installation Manual,Instruction Book		
	Accessory	Insulation pipe for refrigerant pipe,Washer,Drain hose,Tie band		Insulation pipe for refrigerant pipe,Washer,Drain hose,Tie band	Insulation pipe for refrigerant pipe,Washer,Drain hose,Tie band		
Optional parts	External Heater Adapter	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3		
Remarks		* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. * Due to continuing improvement, above specifications may be subject to change without notice.					

Ventilation Air: Providing sufficient ventilation air is an important part of every building design. ASHRAE standard 62 provides the minimum ventilation air requirements. Also check local codes.

Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
Indoor:	80degF D.B. / 67degF W.B. (26.7degC D.B. / 19.4degC W.B.)	70degF D.B. (21.1degC D.B.)	kcal/h = kW x 860 BTU/h = kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	cfm = m3/min x 35.31 lbs = kg / 0.4536
Pipe length:	25 ft. (7.6 m)	25 ft. (7.6 m)	*Above specification data is subject to rounding variation.
Level difference:	0 ft. (0 m)	0 ft. (0 m)	
*3 The rated external static pressure is set to 50 Pa (0.20 in. WG) at factory shipment.			
*Due to continuing improvement, above specification may be subject to change without notice.			

1. SPECIFICATIONS

Model		PEFY-P36NMAU-E	PEFY-P48NMAU-E	PEFY-P54NMAU-E	
Power source		1-phase 208-230V (60Hz)	1-phase 208-230V (60Hz)	1-phase 208-230V (60Hz)	
Cooling capacity *1 (Nominal)	BTU / h	36,000	48,000	54,000	
	kW	10.6	14.1	15.8	
	Power input	kW	0.24	0.34	
	Current input	A	1.50	2.08	
Heating capacity *2 (Nominal)	BTU / h	40,000	54,000	60,000	
	kW	11.7	15.8	17.6	
	Power input	kW	0.22	0.32	
	Current input	A	1.39	1.97	
MCA	A	3.33	3.41	3.31	
External finish		Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	
External dimension HxWxD		in. 9-7/8 x 55-1/8 x 28-7/8 mm 250 x 1400 x 732	in. 9-7/8 x 55-1/8 x 28-7/8 mm 250 x 1400 x 732	in. 9-7/8 x 63 x 28-7/8 mm 250 x 1600 x 732	
Net weight		kg(lbs) 42(93)	42(93)	46(102)	
Heat exchanger		Cross fin(Aluminium fin and copper tube)	Cross fin(Aluminium fin and copper tube)	Cross fin(Aluminium fin and copper tube)	
FAN *3	Type x Quantity	Sirocco fan x 2			
	External static press.*3	in.WG	0.14-(0.20*)-0.28-0.40-0.60	0.14-(0.20*)-0.28-0.40-0.60	
		Pa	35-(50*)-70-100-150	35-(50*)-70-100-150	
	Motor Type	DC brushless motor			
	Motor output	kW 0.244			
	Driving mechanism	Direct-driven by motor			
	Air flow rate (Low-Mid-High)	cfm	812 - 989 - 1165	989 - 1201 - 1412	1042 - 1254 - 1483
		m3 / min	23.0 - 28.0 - 33.0	28.0 - 34.0 - 40.0	29.5 - 35.5 - 42.0
		L/s	383 - 467 - 550	467 - 567 - 667	492 - 592 - 700
Sound pressure level (measured in anechoic room)*3	dB <A>	32 - 37 - 41	35 - 40 - 44	36 - 41 - 45	
Insulation material		EPS,Polyethylene foam,Urethane foam			
Air filter		PP Honeycomb fabric			
Protection device		Fuse			
Refrigerant control device		LEV			
Connectable outdoor unit		R410A,R22 CITY MULTI			
Diameter of refrigerant pipe	Liquid (R410A) (R22)	mm(in.)	9.52 (3/8) Brazed	9.52 (3/8) Brazed	
		mm(in.)	15.88 (5/8) Brazed	15.88 (5/8) Brazed	
	Gas (R410A) (R22)	mm(in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed	
Field drain pipe size		mm(in.) O.D. 32(1-1/4)			
Drain Lift Mechanism		in. 27-9/16			
Drawing	External	KB94R527			
	Wiring	KB94R531			
	Refrigerant cycle	-			
Standard attachment	Document	Installation Manual,Instruction Book			
	Accessory	Insulation pipe for refrigerant pipe,Washer,Drain hose,Tie band			
Optional parts	Filter box	CN24RELAY-KIT-CM3			
Remarks		* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. * Due to continuing improvement, above specifications may be subject to change without notice.			

Ventilation Air: Providing sufficient ventilation air is an important part of every building design. ASHRAE standard 62 provides the minimum ventilation air requirements. Also check local codes.

Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
Indoor:	80degF D.B. / 67degF W.B. (26.7degC D.B. / 19.4degC W.B.)	70degF D.B. (21.1degC D.B.)	kcal/h = kW x 860 BTU/h = kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	cfm = m3/min x 35.31 lbs = kg / 0.4536
Pipe length:	25 ft. (7.6 m)	25 ft. (7.6 m)	*Above specification data is subject to rounding variation.
Level difference:	0 ft. (0 m)	0 ft. (0 m)	
*3 The rated external static pressure is set to 50 Pa (0.20 in. WG) at factory shipment.			
*Due to continuing improvement, above specification may be subject to change without notice.			

1. SPECIFICATIONS

Model		PEFY-P15NMHU-E	PEFY-P18NMHU-E	PEFY-P24NMHU-E	PEFY-P27NMHU-E		
Power source		1-phase 208/230 V 60Hz					
Cooling capacity *1 (Nominal)	BTU / h	15,000	18,000	24,000	27,000		
	kW	4.4	5.3	7.0	7.9		
	Power input	kW	0.188/0.207	0.188/0.207	0.245/0.270	0.270/0.297	
Heating capacity *2 (Nominal)	Current input	A	0.96/1.06	0.96/1.06	1.25/1.38	1.37/1.51	
	BTU / h	17,000	20,000	27,000	30,000		
	kW	5.0	5.9	7.9	8.8		
MCA	Power input	kW	0.188/0.207	0.188/0.207	0.245/0.270	0.270/0.297	
	Current input	A	0.96/1.06	0.96/1.06	1.25/1.38	1.37/1.51	
	MCA	A	1.20 / 1.33	1.20 / 1.33	1.57 / 1.73	1.72 / 1.89	
External finish		Galvanized					
External dimension H x W x D	in.	14-31/32 x 29-17/32 x 35-7/16	14-31/32 x 29-17/32 x 35-7/16	14-31/32 x 29-17/32 x 35-7/16	14-31/32 x 39-3/8 x 35-7/16		
	mm	380 x 750 x 900	380 x 750 x 900	380 x 750 x 900	380 x 1,000 x 900		
Net weight	lbs (kg)	98 (44)	100 (45)	100 (45)	111 (50)		
Heat exchanger		Cross fin(Aluminium fin and copper tube)					
FAN *3	Type x Quantity	Sirocco fan x 1	Sirocco fan x 1	Sirocco fan x 1	Sirocco fan x 1		
	External-static pressure	(208V)	in.WG	(0.201*)-0.642 (208V)	(0.201*)-0.642 (208V)	(0.201*)-0.642 (208V)	
			Pa	(50*)-160	(50*)-160	(50*)-160	
		(230V)	in.WG	0.401-(0.602*)-0.803 (230V)	0.401-(0.602*)-0.803 (230V)	0.401-(0.602*)-0.803 (230V)	0.401-(0.602*)-0.803 (230V)
			Pa	100-(150*)-200	100-(150*)-200	100-(150*)-200	100-(150*)-200
	Motor type	1-phase induction motor					
	Motor output	kW	0.130	0.130	0.180	0.220	
	Driving mechanism	Direct-driven					
Airflow rate (Low-High)	cfm	353-494	353-494	477-671	547-777		
	m3 / min	10.0-14.0	10.0-14.0	13.5-19.0	15.5-22.0		
	L / s	167-233	167-233	225-317	258-367		
Sound pressure level (Low-High) (measured in anechoic room)	*3	dB <A>	25-32 (208V)	25-32 (208V)	29-36 (208V)	30-38 (208V)	
		dB <A>	34-39 (230V)	34-39 (230V)	36-41 (230V)	35-41 (230V)	
		dB <A>	-	-	-	-	
		dB <A>	-	-	-	-	
Insulation material		Polystyrene foam,Polyethylene foam,Urethane foam					
Air filter		Field-supplied; see Optional Parts					
Protection device		Fuse					
Refrigerant control device		LEV					
Connectable outdoor unit		R410A,R22 CITY MULTI					
Diameter of refrigerant pipe (O.D.)	Liquid (R410A) (R22)	in. (mm)	1/4 (6.35) Flare	1/4 (6.35) Flare	3/8 (9.52) Flare	3/8 (9.52) Flare	
		in. (mm)	1/4 (6.35) Flare	3/8 (9.52) Flare	3/8 (9.52) Flare	3/8 (9.52) Flare	
	Gas (R410A) (R22)	in. (mm)	1/2 (12.7) Flare	1/2 (12.7) Flare	5/8 (15.88) Flare	5/8 (15.88) Flare	
		in. (mm)	1/2 (12.7) Flare	5/8 (15.88) Flare	5/8 (15.88) Flare	5/8 (15.88) Flare	
Field drain pipe size	in. (mm)	O.D. 1-1/4 (32)	O.D. 1-1/4 (32)	O.D. 1-1/4 (32)	O.D. 1-1/4 (32)		
Drawing	External	W277664					
	Wiring	W660134					
	Refrigerant cycle	-					
Standard attachment	Document	Installation Manual,Installation Book					
	Accessory	Drain hose I.D. 1-1/4inch (32mm)(flexible joint)					
Optional parts	Drain pump	PAC-KE04DM-F	PAC-KE04DM-F	PAC-KE04DM-F	PAC-KE04DM-F		
	External heater adaptor	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3		
	Filter box	PAC-KE63TB-F	PAC-KE63TB-F	PAC-KE63TB-F	PAC-KE80TB-F		
	Long life filter	PAC-KE86LAF	PAC-KE86LAF	PAC-KE86LAF	PAC-KE88LAF		
Remarks		*Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. *Due to continuing improvement, above specification may be subject to change without notice.					

Ventilation Air: Providing sufficient ventilation air is an important part of every building design. ASHRAE standard 62 provides the minimum ventilation air requirements. Also check local codes.

Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
Indoor:	80degF D.B. / 67degF W.B. (26.7degC D.B. / 19.4degC W.B.)	70degF D.B. (21.1degC D.B.)	kcal/h = kW x 860 BTU/h = kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	cfm = m3/min x 35.31 lbs = kg / 0.4536
Pipe length:	25 ft. (7.6 m)	25 ft. (7.6 m)	*Above specification data is subject to rounding variation.
Level difference:	0 ft. (0 m)	0 ft. (0 m)	
*3 The rated external static pressure is set to 50 Pa (0.20 in. WG) for 208V and 150 Pa (0.60) for 230V at factory shipment.			
*Due to continuing improvement, above specification may be subject to change without notice.			

1. SPECIFICATIONS

PEFY-P-NMSU-E
PEFY-P-NMAU-E
PEFY-P-NMHU-E

Model		PEFY-P30NMHU-E	PEFY-P36NMHU-E	PEFY-P48NMHU-E	PEFY-P54NMHU-E	
Power source		1-phase 208/230 V 60Hz				
Cooling capacity *1 (Nominal)	BTU / h	30,000	36,000	48,000	54,000	
	kW	8.8	10.6	14.1	15.8	
	Power input	0.326/0.360	0.683/0.754	0.683/0.754	0.695/0.767	
	Current input	1.66/1.83	3.38/3.73	3.38/3.73	3.43/3.78	
Heating capacity *2 (Nominal)	BTU / h	34,000	40,000	54,000	60,000	
	kW	10.0	11.7	15.8	17.6	
	Power input	0.326/0.360	0.683/0.754	0.683/0.754	0.695/0.767	
	Current input	1.66/1.83	3.38/3.73	3.38/3.73	3.43/3.78	
MCA	A	2.08 / 2.29	4.23 / 4.67	4.23 / 4.67	4.29 / 4.73	
External finish		Galvanized				
External dimension H x W x D	in.	14-31/32 x 39-3/8 x 35-7/16	14-31/32 x 47-1/4 x 35-7/16	14-31/32 x 47-1/4 x 35-7/16	14-31/32 x 47-1/4 x 35-7/16	
	mm	380 x 1,000 x 900	380 x 1,200 x 900	380 x 1,200 x 900	380 x 1,200 x 900	
Net weight	lbs (kg)	111 (50)	155 (70)	155 (70)	155 (70)	
Heat exchanger		Cross fin(Aluminium fin and copper tube)				
FAN *3	Type x Quantity	Sirocco fan x 1	Sirocco fan x 2	Sirocco fan x 2	Sirocco fan x 2	
	External static pressure (208V)	in.WG	(0.201*)-0.642 (208V)	(0.201*)-0.642 (208V)	(0.201*)-0.642 (208V)	(0.201*)-0.642 (208V)
		Pa	(50*)-160	(50*)-160	(50*)-160	(50*)-160
	(230V)	in.WG	0.401-(0.602*)-0.803 (230V)	0.401-(0.602*)-0.803 (230V)	0.401-(0.602*)-0.803 (230V)	0.401-(0.602*)-0.803 (230V)
		Pa	100-(150*)-200	100-(150*)-200	100-(150*)-200	100-(150*)-200
	Motor type	1-phase induction motor				
	Motor output	kW	0.230	0.400	0.400	0.400
Driving mechanism	Direct-driven					
Airflow rate (Low-High)	cfm	636-883	936-1,342	936-1,342	989-1,412	
	m ³ / min	18.0-25.0	26.5-38.0	26.5-38.0	28.0-40.0	
	L / s	300-417	442-633	442-633	467-667	
Sound pressure level (Low-High) (measured in anechoic room)	dB <A>	33-40 (208V)	31-41 (208V)	31-41 (208V)	31-41 (208V)	
	dB <A>	38-43 (230V)	38-44 (230V)	38-44 (230V)	38-44 (230V)	
	dB <A>	-	-	-	-	
Insulation material		Polystyrene foam,Polyethylene foam,Urethane foam				
Air filter		Field-supplied; see Optional Parts				
Protection device		Fuse				
Refrigerant control device		LEV				
Connectable outdoor unit		R410A,R22 CITY MULTI				
Diameter of refrigerant pipe (O.D.)	Liquid (R410A) (R22)	in. (mm)	3/8 (9.52) Flare	3/8 (9.52) Flare	3/8 (9.52) Flare	
	Gas (R410A) (R22)	in. (mm)	5/8 (15.88) Flare	5/8 (15.88) Flare 3/4 (19.05) Flare	5/8 (15.88) Flare 3/4 (19.05) Flare	
Field drain pipe size		in. (mm)	O.D. 1-1/4 (32)	O.D. 1-1/4 (32)	O.D. 1-1/4 (32)	
Drawing	External	W277664				
	Wiring	W660134				
	Refrigerant cycle	-				
Standard attachment	Document	Installation Manual,Installation Book				
	Accessory	Drain hose I.D. 1-1/4inch (32mm)(flexible joint)				
Optional parts	Drain pump	PAC-KE04DM-F	PAC-KE04DM-F	PAC-KE04DM-F	PAC-KE04DM-F	
	External heater adaptor	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	
	Filter box	PAC-KE80TB-F	PAC-KE140TB-F	PAC-KE140TB-F	PAC-KE140TB-F	
	Long life filter	PAC-KE88LAF	PAC-KE89LAF	PAC-KE89LAF	PAC-KE89LAF	
Remarks		*Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. *Due to continuing improvement, above specification may be subject to change without notice.				

Ventilation Air: Providing sufficient ventilation air is an important part of every building design. ASHRAE standard 62 provides the minimum ventilation air requirements. Also check local codes.

Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
Indoor:	80degF D.B. / 67degF W.B. (26.7degC D.B. / 19.4degC W.B.)	70degF D.B. (21.1degC D.B.)	kcal/h = kW x 860 BTU/h = kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	cfm = m ³ /min x 35.31 lbs = kg / 0.4536
Pipe length:	25 ft. (7.6 m)	25 ft. (7.6 m)	*Above specification data is subject to rounding variation.
Level difference:	0 ft. (0 m)	0 ft. (0 m)	
*3 The rated external static pressure is set to 50 Pa (0.20 in. WG) for 208V and 150 Pa (0.60) for 230V at factory shipment.			
*Due to continuing improvement, above specification may be subject to change without notice.			

1. SPECIFICATIONS

Model		PEFY-P72NMHU-E	PEFY-P96NMHU-E		
Power source		3-phase 208/230 V 60Hz			
Cooling capacity *1 (Nominal)	BTU / h	72,000	96,000		
	kW	21.1	28.1		
	Power input	kW	1.352/1.495	1.690/1.870	
	Current input	A	4.48/4.94	5.69/6.28	
Heating capacity *2 (Nominal)	BTU / h	80,000	108,000		
	kW	23.4	31.7		
	Power input	kW	1.352/1.495	1.690/1.870	
	Current input	A	4.48/4.94	5.69/6.28	
MCA	A	5.60 / 6.18	7.12 / 7.85		
External finish		Galvanized			
External dimension H x W x D	in.	18-17/32 x 49-7/32 x 44-1/8	18-17/32 x 49-7/32 x 44-1/8		
	mm	470 x 1,250 x 1,120	470 x 1,250 x 1,120		
Net weight	lbs (kg)	221 (100)	221 (100)		
Heat exchanger		Cross fin(Aluminium fin and copper tube)			
FAN *3	Type x Quantity	Sirocco fan x 2		Sirocco fan x 2	
	External-static pressure	(208V)	in.WG	0.281-(0.642*) (208V)	0.281-(0.642*) (208V)
			Pa	70-(160*)	70-(160*)
		(230V)	in.WG	0.401-(0.803*) (230V)	0.401-(0.803*) (230V)
			Pa	100-(200*)	100-(200*)
	Motor type	3-phase induction motor			
	Motor output	kW	0.650	0.850	
	Driving mechanism		Direct-driven		
	Airflow rate	cfm	2,048	2,541	
		m ³ / min	58.0	72.0	
L / s		967	1,200		
Sound pressure level (measured in anechoic room)	*3	dB <A>	45 (208V)	52 (208V)	
		dB <A>	47 (230V)	54 (230V)	
		dB <A>	-	-	
Insulation material		Polystyrene foam, Polyethylene foam, Urethane foam			
Air filter		Field-supplied; see Optional Parts			
Protection device		Fuse			
Refrigerant control device		LEV			
Connectable outdoor unit		R410A, R22 CITY MULTI			
Diameter of refrigerant pipe (O.D.)	Liquid (R410A) (R22)	in. (mm)	3/8 (9.52) Brazed	3/8 (9.52) Brazed	
			1/2 (12.7) Brazed	1/2 (12.7) Brazed	
	Gas (R410A) (R22)	in. (mm)	3/4 (19.05) Brazed	7/8 (22.2) Brazed	
			1 (25.4) Brazed	1-1/8 (28.58) Brazed	
Field drain pipe size		in. (mm)	O.D. 1-1/4 (32)	O.D. 1-1/4 (32)	
Drawing	External	W277665			
	Wiring	W660130			
	Refrigerant cycle	-			
Standard attachment	Document	Installation Manual, Installation Book			
	Accessory	Drain hose I.D. 1-1/4inch (32mm)(flexible joint)			
Optional parts	Drain pump	PAC-KE04DM-F	PAC-KE04DM-F		
	External heater adaptor	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3		
	Filter box	PAC-KE250TB-F	PAC-KE250TB-F		
	Long life filter	PAC-KE85LAF	PAC-KE85LAF		
Remarks		<p>*Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.</p> <p>*Due to continuing improvement, above specification may be subject to change without notice.</p>			

Ventilation Air: Providing sufficient ventilation air is an important part of every building design. ASHRAE standard 62 provides the minimum ventilation air requirements. Also check local codes.

Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
Indoor:	80degF D.B. / 67degF W.B. (26.7degC D.B. / 19.4degC W.B.)	70degF D.B. (21.1degC D.B.)	kcal/h = kW x 860
			BTU/h = kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	cfm = m ³ /min x 35.31
			lbs = kg / 0.4536
Pipe length:	25 ft. (7.6 m)	25 ft. (7.6 m)	*Above specification data is subject to rounding variation.
Level difference:	0 ft. (0 m)	0 ft. (0 m)	
*3 The rated external static pressure is set to 160 Pa (0.642 in. WG) for 208V and 200 Pa (0.803) for 230V at factory shipment.			
*Due to continuing improvement, above specification may be subject to change without notice.			

1. SPECIFICATIONS

Electrical characteristics of Indoor unit

Symbols: MCA : Min.Circuit Amps (=1.25xFLA) FLA : Full Load Amps

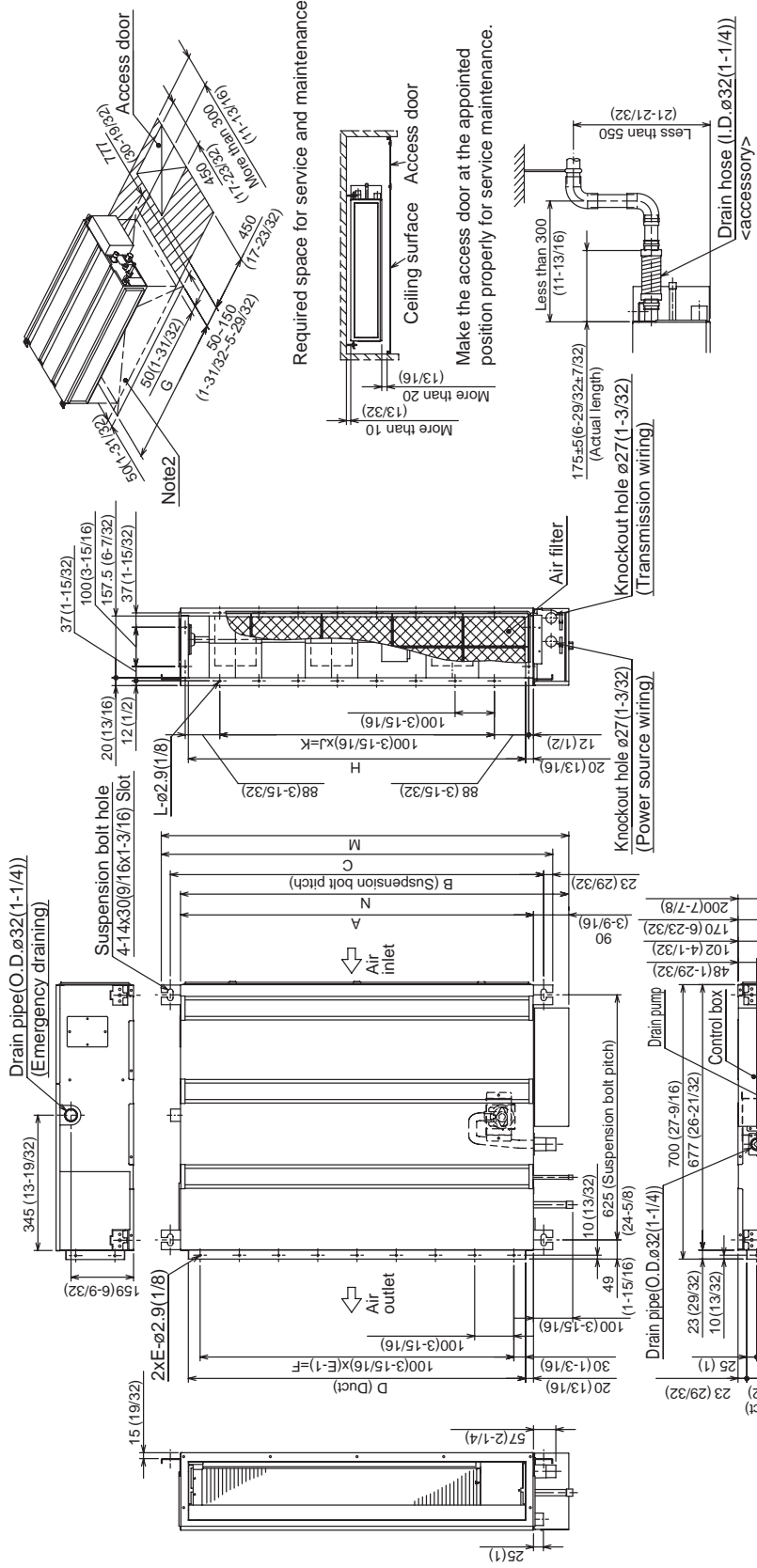
IFM :Indoor Fan Motor

Model	Indoor Unit			IFM	
	Hz	Volts	Voltage range	MCA(A)	FLA(A)
PEFY-P06NMSU-E	60Hz	208 / 230V	188 to 253V	0.47 / 0.50	0.32 / 0.31
PEFY-P08NMSU-E				0.47 / 0.50	0.41 / 0.39
PEFY-P12NMSU-E				0.68 / 0.74	0.46 / 0.43
PEFY-P15NMSU-E				1.20 / 1.33	0.47 / 0.45
PEFY-P18NMSU-E				1.20 / 1.33	0.64 / 0.60
PEFY-P24NMSU-E				1.57 / 1.73	0.88 / 0.83
PEFY-P06NMAU-E	60Hz	208 / 230V	198 to 253V	1.05 / 1.05	0.84 / 0.84
PEFY-P08NMAU-E				1.05 / 1.05	0.84 / 0.84
PEFY-P12NMAU-E				1.21 / 1.21	0.97 / 0.97
PEFY-P15NMAU-E				1.45 / 1.45	1.16 / 1.16
PEFY-P18NMAU-E				1.56 / 1.56	1.25 / 1.25
PEFY-P24NMAU-E				2.25 / 2.25	1.80 / 1.80
PEFY-P27NMAU-E				2.49 / 2.49	1.99 / 1.99
PEFY-P30NMAU-E				2.50 / 2.50	2.00 / 2.00
PEFY-P36NMAU-E				3.33 / 3.33	2.66 / 2.66
PEFY-P48NMAU-E				3.41 / 3.41	2.73 / 2.73
PEFY-P54NMAU-E				3.31 / 3.31	2.65 / 2.65
PEFY-P27NMHU-E				60Hz	208 / 230 V
PEFY-P30NMHU-E	2.08 / 2.29	1.66 / 1.83			
PEFY-P36NMHU-E	4.23 / 4.67	3.38 / 3.73			
PEFY-P48NMHU-E	4.23 / 4.67	3.38 / 3.73			
PEFY-P54NMHU-E	4.29 / 4.73	3.43 / 3.78			
PEFY-P72NMHU-E	5.60 / 6.18	4.48 / 4.94			
PEFY-P96NMHU-E	7.12 / 7.85	5.69 / 6.28			

2. EXTERNAL DIMENSIONS

PEFY-P06,08,12,15,18,24NMSU-E

Ref.: PEFY_NMSU_EXD_USDB_ALL
Unit : mm(in)



- Note
1. Use M10 screw for the Suspension bolt (field supply).
 2. Keep the service space for the maintenance at the bottom.
 3. This chart indicates for PEFY-P15-18NMSU-E models, which has 3 fans.
PEFY-P06~12NMSU-E models have 2 fans.
PEFY-P24NMSU-E model have 4 fans.
 4. In case of the inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at suction side.
- *1: R410A outdoor unit
*2: R22 outdoor unit

Model	mm(in.)														
	A	B	C	D	E	F	G	H	J	K	L	M	N	① Gas pipe	② Liquid pipe
PEFY-P06,08,12NMSU-E	700 (27-9/16)	752 (29-5/8)	798 (31-7/16)	660 (26)	600 (23-5/8)	800 (31-1/2)	800 (31-1/2)	660 (26)	5	500 (19-11/16)	16	639 (33-11/16)	790 (31-1/8)	ø12.7(1/2)	ø6.35(1/4)
PEFY-P15NMSU-E	900 (35-7/16)	952 (37-1/2)	998 (39-3/16)	860 (33-7/8)	800 (31-7/16)	1000 (39-3/8)	1000 (39-3/8)	860 (33-7/8)	7	700 (27-9/16)	20	1039 (40-25/32)	990 (39)	ø12.7(1/2)	ø6.35(1/4)
PEFY-P18NMSU-E	1100 (43-5/16)	1152 (45-3/8)	1198 (47-3/16)	1060 (41-3/4)	1000 (39-3/8)	1200 (47-1/4)	1200 (47-1/4)	1060 (41-3/4)	9	900 (35-7/16)	24	1239 (48-25/32)	1190 (46-7/8)	ø15.88(5/8) ø15.88(5/8) ø15.88(5/8)	ø9.52(3/8)
PEFY-P24NMSU-E															

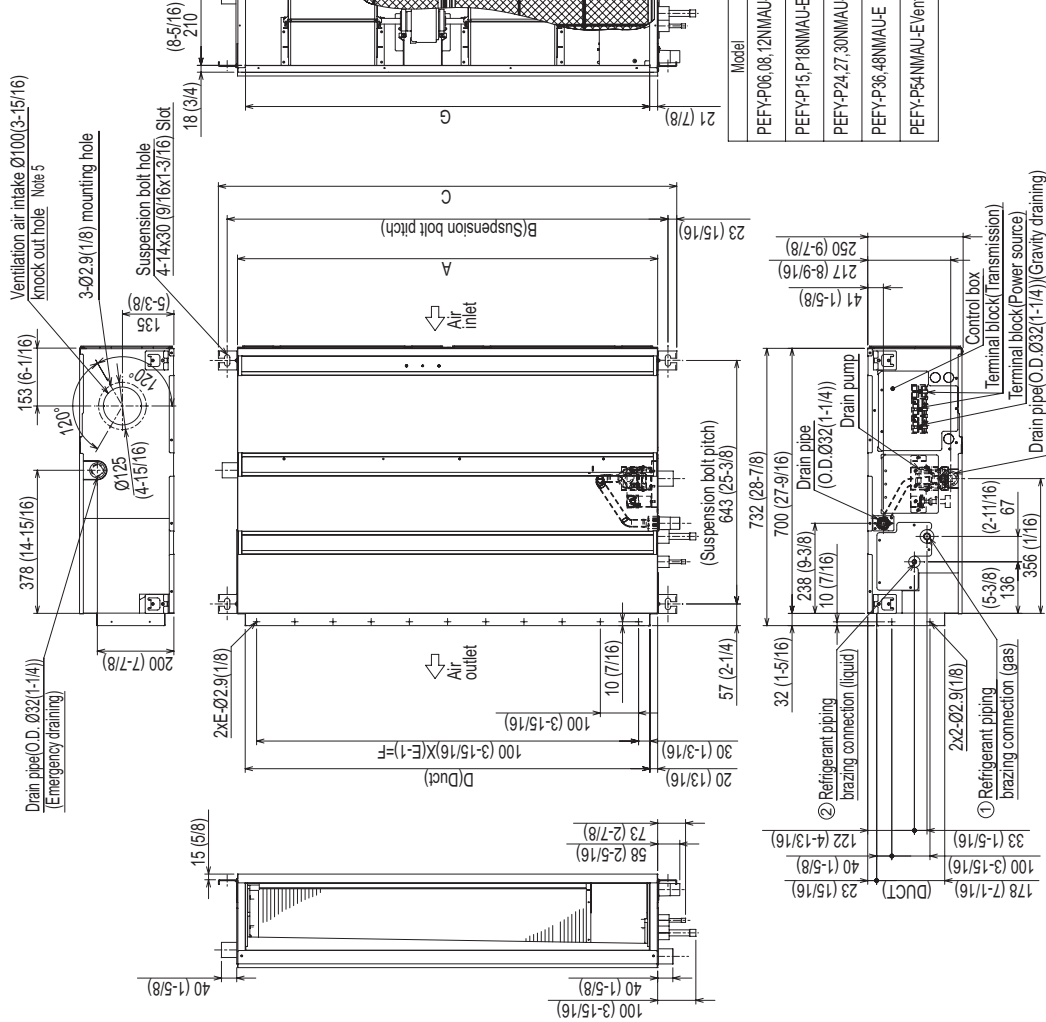
2. EXTERNAL DIMENSIONS

PEFY-P-NMSU-E
PEFY-P-NMAU-E
PEFY-P-NMHU-E

PEFY-P06, 08, 12, 15, 18, 24, 27, 30, 36, 48, 54NMAU-E

Unit : mm(in.)

- Note
1. Use M10 screw for the Suspension bolt (field supply).
 2. Keep the service space for the maintenance at the bottom.
 3. This chart indicates for PEFY-P24-27-30-36-48-54NMAU-E models, which have 2 fans. PEFY-P06-08-12-15-18NMAU-E models have 1 fan.
 4. In case of the inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at suction side.
 5. Ventilation air must be 0°C (32°F) or higher when accepting ventilation into PEFY knockout hole.



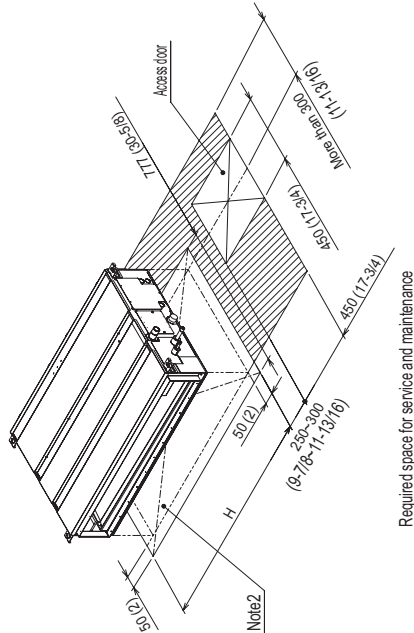
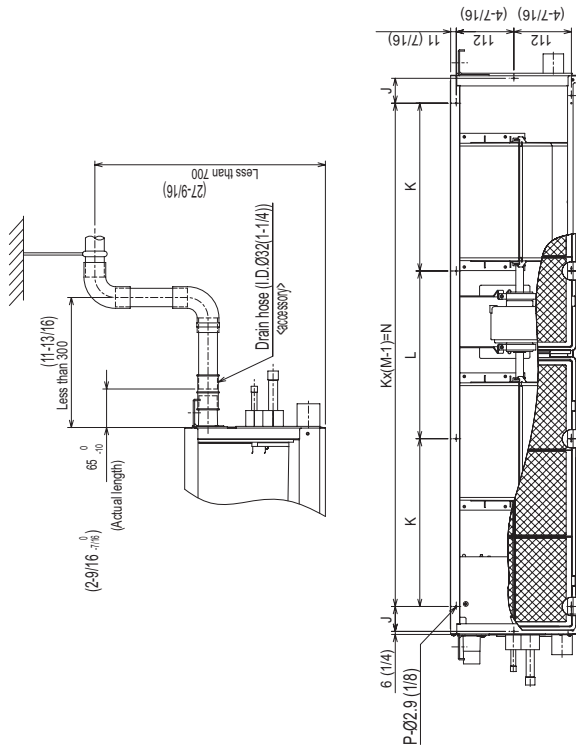
Model	Unit:mm(in.)	
	① Gas pipe	② Liquid pipe
PEFY-P06,08,12NMAU-E	Ø12.7 (1/2)	Ø6.35 (1/4)
PEFY-P15,P18NMAU-E		
PEFY-P24,27,30NMAU-E		
PEFY-P36,48NMAU-E	Ø15.88 (5/8)	Ø9.52 (3/8)
PEFY-P54NMAU-E		

Model	A	B	C	D	E	F	G
PEFY-P06,08,12NMAU-E	700 (27-9/16)	754 (29-11/16)	800 (31-1/2)	660 (26)	7	600 (23-5/8)	658 (25-15/16)
PEFY-P15,P18NMAU-E	900 (35-7/16)	954 (37-9/16)	1000 (39-3/8)	860 (33-7/8)	9	800 (31-1/2)	858 (33-13/16)
PEFY-P24,27,30NMAU-E	1100 (43-5/16)	1154 (45-7/16)	1200 (47-1/4)	1060 (41-3/4)	11	1000 (39-3/8)	1058 (41-11/16)
PEFY-P36,48NMAU-E	1400 (55-1/8)	1454 (57-1/4)	1500 (59-1/16)	1360 (53-9/16)	14	1300 (51-3/16)	1358 (53-1/2)
PEFY-P54NMAU-E Vent	1600 (63)	1654 (65-1/8)	1700 (66-15/16)	1560 (61-7/16)	16	1500 (59-1/16)	1558 (61-3/8)

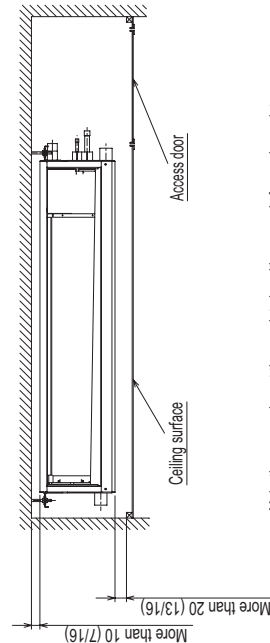
2. EXTERNAL DIMENSIONS

PEFY-P06, 08, 12, 15, 18, 24, 27, 30, 36, 48, 54NMAU-E

Unit : mm(in.)



Required space for service and maintenance



Make the access door at the appointed position properly for service maintenance.

Maintenance type for air filter	L
Side maintenance	20(13/16)
Under maintenance	250(9-7/8)

Model	H	J	K	L	M	N	P	Unit:mm(in.)
PEFY-P06,08,12NMAU-E	800 (31-1/2)	44 (1-3/4)	150 (5-15/16)	300 (11-13/16)			10	
PEFY-P15,P18NMAU-E	1000 (39-3/8)	54 (2-3/16)	260 (10-1/4)		4	780 (30-3/4)	10	
PEFY-P24,27,30NMAU-E	1200 (47-1/4)	49 (1-15/16)	330 (13)		4	990 (39)	10	
PEFY-P36,48NMAU-E	1500 (59-1/16)	54 (2-3/16)	320 (12-5/8)		5	1280 (50-7/16)	12	
PEFY-P54NMAU-E	1700 (66-15/16)	54 (2-3/16)	370 (14-5/8)		5	1480 (58-5/16)	12	

2. EXTERNAL DIMENSIONS

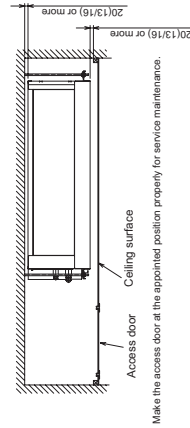
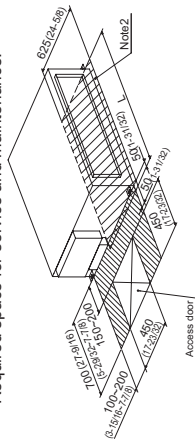
PEFY-P15,18,24,27,30,36,48,54NMHU-E

Drw. : IU-W277664
Unit : mm(in)

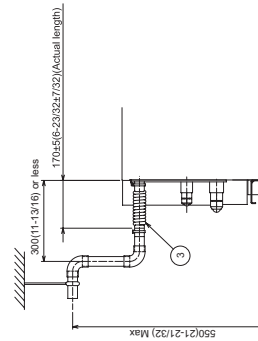
PEFY-P-NMSU-E
PEFY-P-NMAU-E
PEFY-P-NMHU-E

- Note 1: Use M10 screw for the Suspension bolt (field supply).
- Note 2: Keep the service space for the maintenance from the bottom.
- Note 3: The chart indicates the PEFY-P36, 48, 54NMHU-E models, which has 2 fans.
- Note 4: PEFY-P15-18, 24, 27, 30NMHU-E models have 1 fan.
- Note 5: Make sure to install the air filter (field supply) on the air intake side. In case field supplied air filter is used, attach it where the filter service is easily done.
- Note 6: On Model 18, 36, 48, 54, you would use fire rat padlock with the Indoor Unit, when connecting the Outdoor Unit for PEZ.

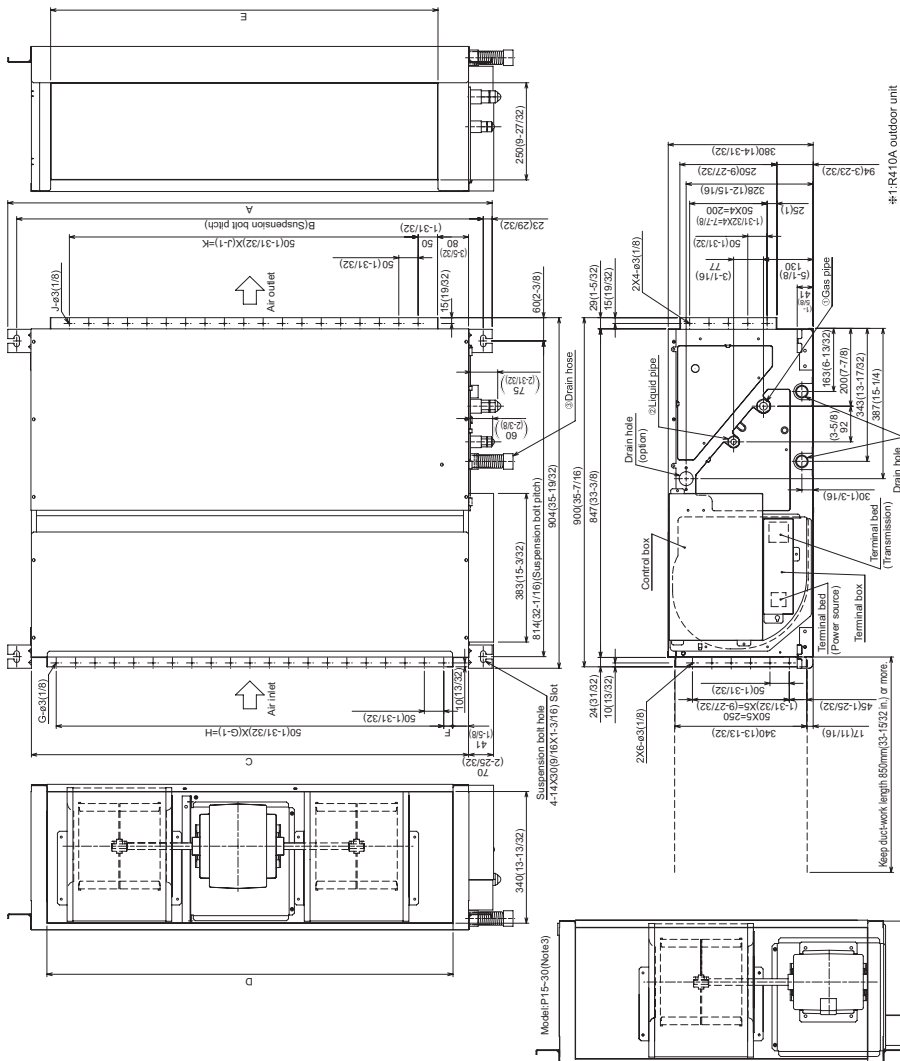
Required space for service and maintenance.



Make the access door at the appointed position properly for service maintenance.



When installing the drain pump kit (option).



Model	A	B	C	D	E	F	G	H	J	K	L	mm(in)
PEFY-P15NMHU-E	800	754	680	600	550	50	11	500	10	450	780	$\phi 63.5(1/4)$
PEFY-P18NMHU-E	(31-12)	(29-1116)	(26-2532)	(23-578)	(21-2132)	(1-3132)		(9-9116)		$\phi 12.7(1/2)$	$\phi 63.5(1/4)$	$\phi 15.88(5/8)$
PEFY-P24NMHU-E										$\phi 15.88(5/8)$	$\phi 9.52(3/8)$	$\phi 15.88(5/8)$
PEFY-P27,30NMHU-E	1050	1004	930	850	800	25	17	800	15	700	1030	$\phi 15.88(5/8)$
	(41-1132)	(39-1732)	(36-586)	(33-512)	(31-172)	(1)		(3-1-172)		$\phi 15.88(5/8)$	$\phi 9.52(3/8)$	$\phi 15.88(5/8)$
PEFY-P36-48-54NMHU-E	1250	1204	1130	1050	1000	25	21	1000	19	900	1200	$\phi 15.88(5/8)$
	(49-132)	(47-132)	(44-172)	(41-132)	(39-378)	(1)		(5-7-116)		$\phi 15.88(5/8)$	$\phi 9.52(3/8)$	$\phi 15.88(5/8)$

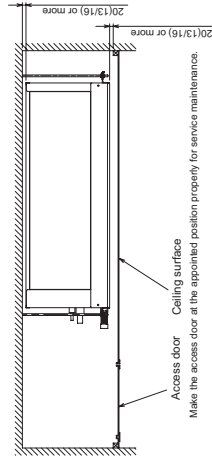
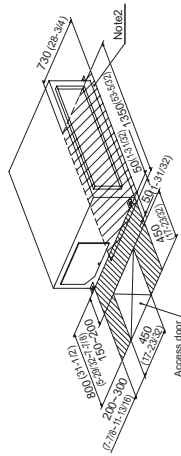
2. EXTERNAL DIMENSIONS

PEFY-P72,96NMHU-E

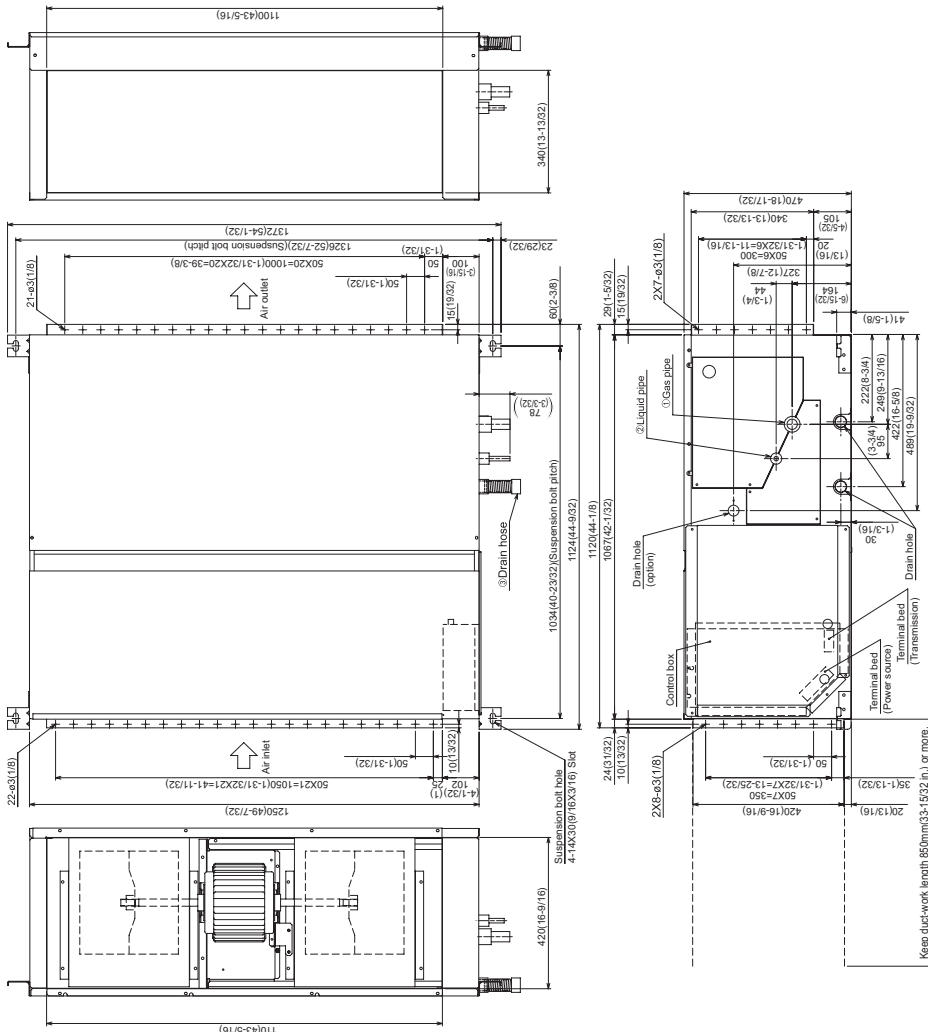
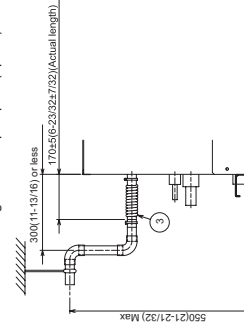
Drw. : IU-W277665
Unit : mm(in)

- Note 1. Use M10 screw for the Suspension bot (field supply).
2. Keep the service space for the maintenance from the bottom when the heat exchanger is cleaned.
3. When the air filter (field supply) is used, use the air filter (field supply) on the air intake side.
In case field supplied air filter is used, attach it where the filter service is easily done.
4. On this model, you would use pipe packed with the Indoor Unit, when connecting the Outdoor Unit for R22.

Required space for service and maintenance.



When installing the drain pump kit (option).



①: R410A outdoor unit
②: R22 outdoor unit

Model	① Gas pipe <bracing>	② Liquid pipe <bracing>	③ Drain hose
PEFY-P72NMHU-E	①-1 ø19.05(3/4)	②-1 ø9.52(3/8)	③ Drain hose I.D.32mm (1-1/4inch)
PEFY-P96NMHU-E	①-1 ø25.4 (1)	②-1 ø12.7 (1/2)	<flexible joint > (accessory)
	①-2 ø22.2 (7/8)	②-2 ø9.52(3/8)	
	①-2 ø28.58(1.13/32)	②-2 ø12.7 (1/2)	

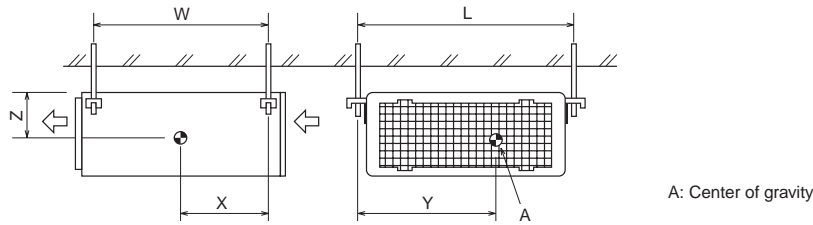
Keep ductwork length 85 (3.35)mm (3.35 inch) or more.

3. CENTER OF GRAVITY

PEFY-P-NMSU-E
PEFY-P-NMAU-E
PEFY-P-NMHU-E

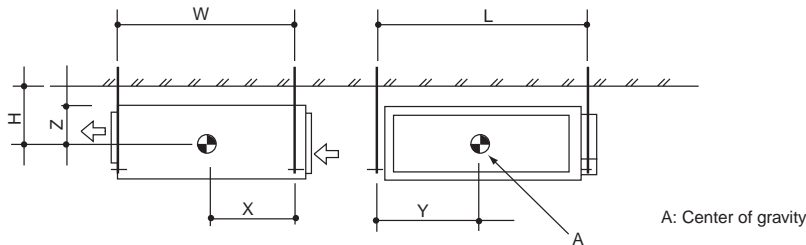
PEFY-P06,08,12,15,18,24NMSU-E

Ref.: PEFY_NMSU_COG_USDB_ALL



Model name	W	L	X	Y	Z
PEFY-P06NMSU-E	625 [24-5/8]	752 [29-5/8]	263 [10-3/8]	338 [13-5/16]	105 [4-5/32]
PEFY-P08NMSU-E	625 [24-5/8]	752 [29-5/8]	263 [10-3/8]	338 [13-5/16]	105 [4-5/32]
PEFY-P12NMSU-E	625 [24-5/8]	752 [29-5/8]	275 [10-27/32]	340 [13-13/32]	104 [4-1/8]
PEFY-P15NMSU-E	625 [24-5/8]	952 [37-1/2]	280 [11-1/32]	422 [16-5/8]	104 [4-1/8]
PEFY-P18NMSU-E	625 [24-5/8]	952 [37-1/2]	280 [11-1/32]	422 [16-5/8]	104 [4-1/8]
PEFY-P24NMSU-E	625 [24-5/8]	1152 [45-3/8]	285 [11-1/4]	511 [20-1/8]	104 [4-1/8]

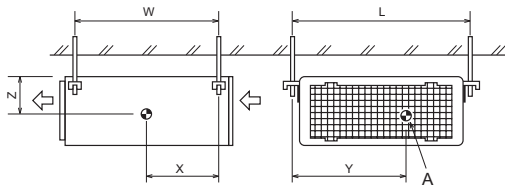
PEFY-P15,18,24,27,30,36,48,54,72,96NMHU-E



Model name	W	L	H	X	Y	Z
PEFY-P15NMHU-E	814 [32-1/16]	754 [29-11/16]	210 [8-9/32]	374 [14-3/4]	440 [17-11/32]	190 [7-1/2]
PEFY-P18NMHU-E	814 [32-1/16]	754 [29-11/16]	210 [8-9/32]	374 [14-3/4]	440 [17-11/32]	190 [7-1/2]
PEFY-P24NMHU-E	814 [32-1/16]	754 [29-11/16]	210 [8-9/32]	374 [14-3/4]	440 [17-11/32]	190 [7-1/2]
PEFY-P27NMHU-E	814 [32-1/16]	1004 [39-17/32]	210 [8-9/32]	394 [15-17/32]	584 [22-32/32]	190 [7-1/2]
PEFY-P30NMHU-E	814 [32-1/16]	1004 [39-17/32]	210 [8-9/32]	394 [15-17/32]	584 [22-32/32]	190 [7-1/2]
PEFY-P36NMHU-E	814 [32-1/16]	1204 [47-13/32]	210 [8-9/32]	364 [14-11/32]	649 [25-9/16]	190 [7-1/2]
PEFY-P48NMHU-E	814 [32-1/16]	1204 [47-13/32]	210 [8-9/32]	364 [14-11/32]	649 [25-9/16]	190 [7-1/2]
PEFY-P54NMHU-E	814 [32-1/16]	1204 [47-13/32]	210 [8-9/32]	364 [14-11/32]	649 [25-9/16]	190 [7-1/2]
PEFY-P72NMHU-E	1034 [40-23/32]	1326 [52-7/32]	255 [10-1/16]	462 [18-7/32]	660 [25-32/32]	235 [9-9/32]
PEFY-P96NMHU-E	1034 [40-23/32]	1326 [52-7/32]	255 [10-1/16]	462 [18-7/32]	660 [25-32/32]	235 [9-9/32]

3. CENTER OF GRAVITY

PEFY-P06, 08, 12, 15, 18, 24, 27, 30, 36, 48, 54NMAU-E



A : Center of gravity

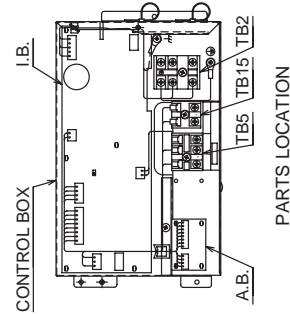
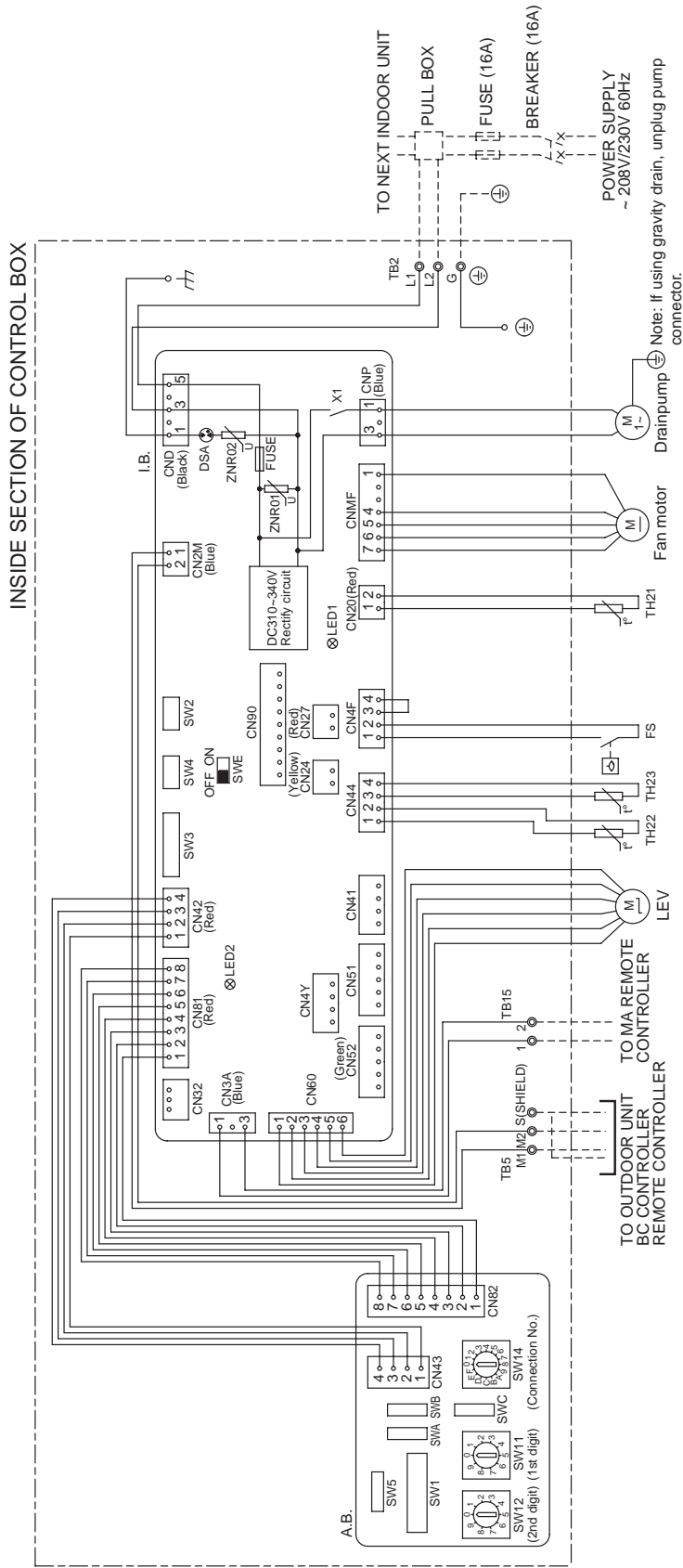
(mm)[in]

Model name	W	L	X	Y	Z
PEFY-P06NMAU-E	643 [25 - 6/16]	754 [29 - 11/16]	330 [13]	300 [11 - 13/16]	130 [5 - 2/16]
PEFY-P08NMAU-E	643 [25 - 6/16]	754 [29 - 11/16]	330 [13]	300 [11 - 13/16]	130 [5 - 2/16]
PEFY-P12NMAU-E	643 [25 - 6/16]	754 [29 - 11/16]	330 [13]	300 [11 - 13/16]	130 [5 - 2/16]
PEFY-P15NMAU-E	643 [25 - 6/16]	954 [37 - 9/16]	340 [13 - 7/16]	375 [14 - 13/16]	130 [5 - 2/16]
PEFY-P18NMAU-E	643 [25 - 6/16]	954 [37 - 9/16]	340 [13 - 7/16]	375 [14 - 13/16]	130 [5 - 2/16]
PEFY-P24NMAU-E	643 [25 - 6/16]	1154 [45 - 7/16]	325 [12 - 13/16]	525 [20 - 11/16]	130 [5 - 2/16]
PEFY-P27NMAU-E	643 [25 - 6/16]	1154 [45 - 7/16]	325 [12 - 13/16]	525 [20 - 11/16]	130 [5 - 2/16]
PEFY-P30NMAU-E	643 [25 - 6/16]	1154 [45 - 7/16]	325 [12 - 13/16]	525 [20 - 11/16]	130 [5 - 2/16]
PEFY-P36NMAU-E	643 [25 - 6/16]	1454 [57 - 4/16]	330 [13]	675 [26 - 10/16]	130 [5 - 2/16]
PEFY-P48NMAU-E	643 [25 - 6/16]	1454 [57 - 4/16]	330 [13]	675 [26 - 10/16]	130 [5 - 2/16]
PEFY-P54NMAU-E	643 [25 - 6/16]	1654 [65 - 2/16]	332 [13 - 2/16]	725 [28 - 9/16]	130 [5 - 2/16]

4. ELECTRICAL WIRING DIAGRAMS

PEFY-P06,08,12,15,18,24NMSU-E

Ref.: PEFY_NMSU_EWD_USDB_ALL



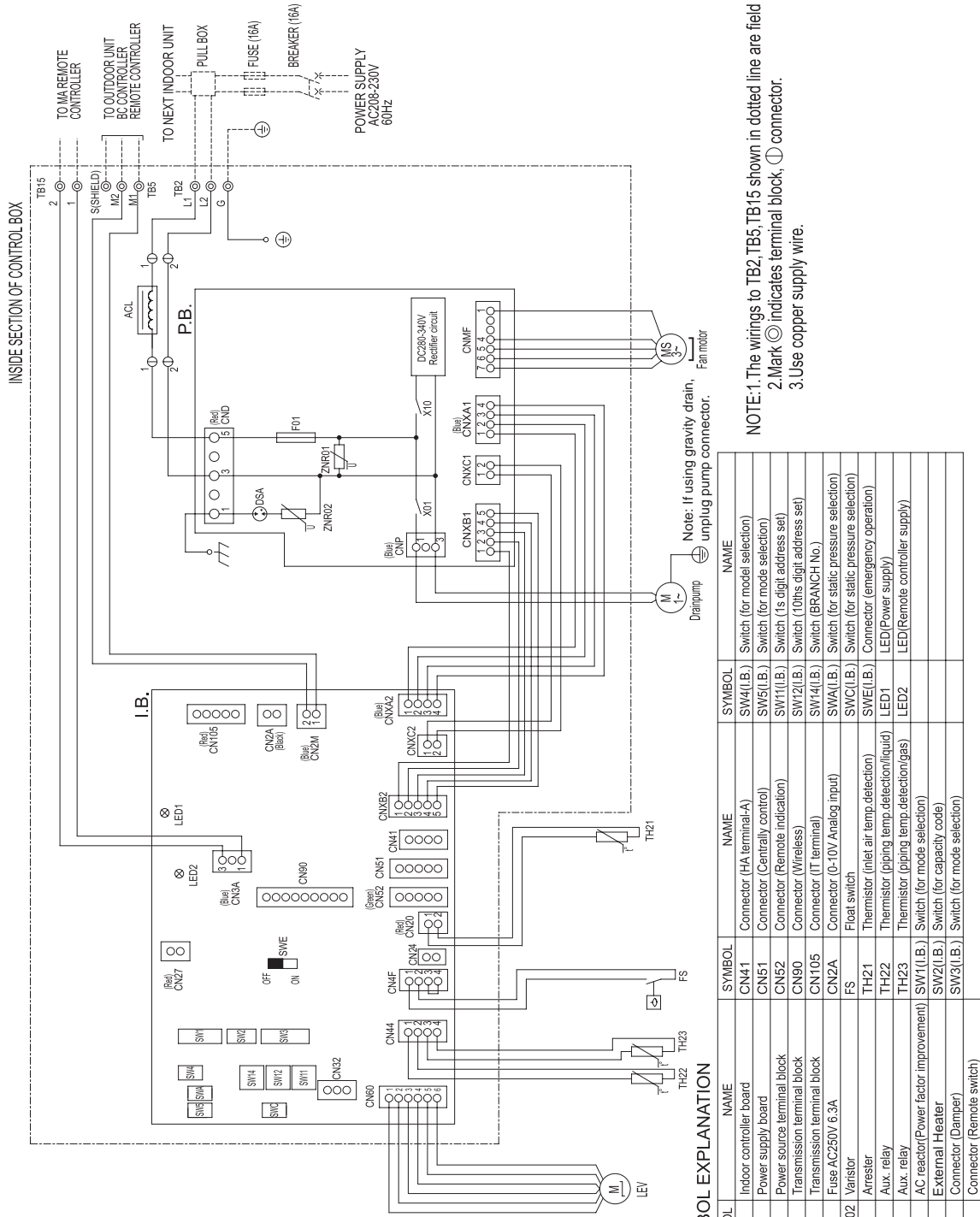
- NOTE:**
1. The wirings to TB2, TB5, TB15 shown in dotted line are field work.
 2. Mark ⊕ indicates terminal bed, ⊖ connector.
 3. Use copper supply wire.

SYMBOL EXPLANATION

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
I.B.	Indoor controller board	CN32	Connector (Remote switch)	SW3(L.B.)	Switch (for mode selection)
A.B.	Address board	CN41	Connector (HA terminal-A)	SW4(L.B.)	Switch (for model selection)
TB2	Power source terminal bed	CN51	Connector (Centrally control)	SWE(L.B.)	Connector (emergency operation)
TB5	Transmission terminal bed	CN52	Connector (Remote indication)	SW1(A.B.)	Switch (for mode selection)
TB15	Transmission terminal bed	CN90	Connector (Wireless)	SW5(A.B.)	Switch (for mode selection)
FUSE	Fuse AC250V 6.3A	FS	Float switch	SW11(A.B.)	Switch (1st digit address set)
ZNR01,02	Varistor	CN4Y	Connector (Drain Safety)	SW12(A.B.)	Switch (2nd digit address set)
DSA	Arrester	TH21	Thermistor (inlet air temp.detection)	SW14(A.B.)	Switch (connection No.set)
X1	Aux. relay	TH22	Thermistor (piping temp.detection/liquid)	SWA(A.B.)	Switch (for static pressure selection)
CN24	Connector (Heater)	TH23	Thermistor (piping temp.detection/gas)	SWB(A.B.)	Switch (for model selection)
CN27	Connector (Damper)	SW2(L.B.)	Switch (for capacity code)	SWC(A.B.)	Switch (for static pressure selection)

4. ELECTRICAL WIRING DIAGRAMS

PEFY-P06, 08, 12, 15, 18, 24, 27, 30, 36, 48, 54NMAU-E



NOTE: 1. The wirings to TB2, TB5, TB15 shown in dotted line are field work.
2. Mark ⊙ indicates terminal block, ⊕ connector.
3. Use copper supply wire.

SYMBOL EXPLANATION

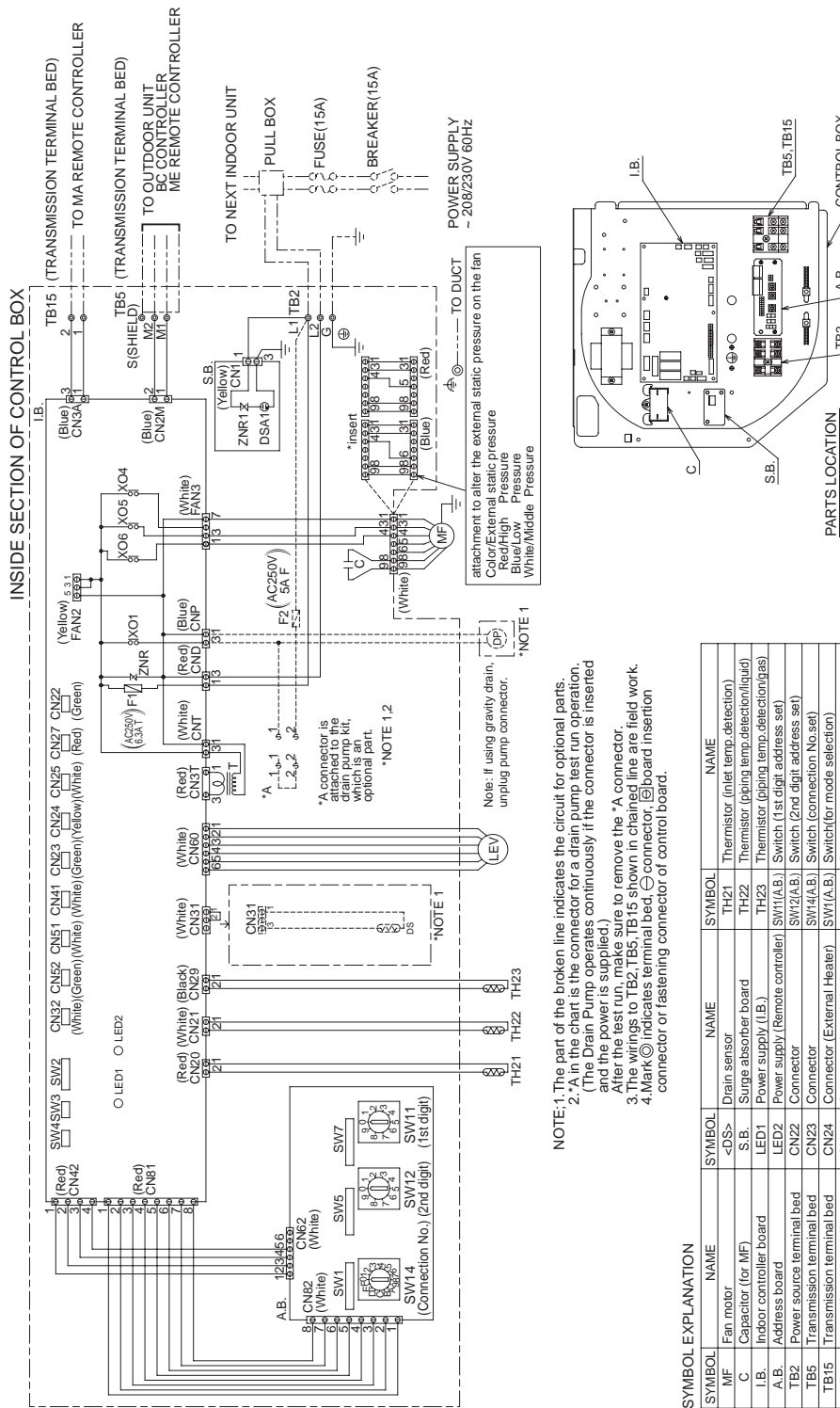
SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
I.B.	Indoor controller board	CN41	Connector (HA terminal-A)	SW41(L.B.)	Switch (for model selection)
P.B.	Power supply board	CN51	Connector (Centrally control)	SW51(L.B.)	Switch (for mode selection)
TB2	Power source terminal block	CN52	Connector (Remote indication)	SW11(L.B.)	Switch (1s digit address set)
TB5	Transmission terminal block	CN90	Connector (Wireless)	SW12(L.B.)	Switch (10ths digit address set)
TB15	Transmission terminal block	CN105	Connector (IT terminal)	SW14(L.B.)	Switch (BRANCH No.)
F01	Fuse AC250V 6.3A	CN2A	Connector (0-10V Analog input)	SWA(L.B.)	Switch (for static pressure selection)
DSA	Arrestor	FS	Float switch	SWC(L.B.)	Switch (for static pressure selection)
X01	Aux. relay	TH21	Thermistor (inlet air temp. detection)	SWE(L.B.)	Connector (emergency operation)
ACL	AC reactor(Power factor improvement)	TH22	Thermistor (piping temp. detection/liquid)	LED1	LED (Power supply)
CN24	External Heater	TH23	Thermistor (piping temp. detection/gas)	LED2	LED (Remote controller supply)
CN27	Connector (Dampner)	SW2(L.B.)	Switch (for mode selection)		
CN32	Connector (Remote switch)	SW3(L.B.)	Switch (for mode selection)		

4. ELECTRICAL WIRING DIAGRAMS

PEFY-P15,18,24,27,30,36,48,54NMHU-E

Drw. : IU-W660134

PEFY-P-NMSU-E
PEFY-P-NMAU-E
PEFY-P-NMHU-E



NOTE: 1. The part of the broken line indicates the circuit for optional parts.
2. *A in the chart is the connector for a drain pump test run operation. (The Drain Pump operates continuously if the connector is inserted and the power is supplied.)
3. After the test run, make sure to remove the *A connector.
4. The wirings to TB2, TB5, TB15 shown in chained line are field work.
5. Mark ⊕ indicates terminal bed, ⊙ connector, ⊕ board insertion connector or fastening connector of control board.

SYMBOL EXPLANATION

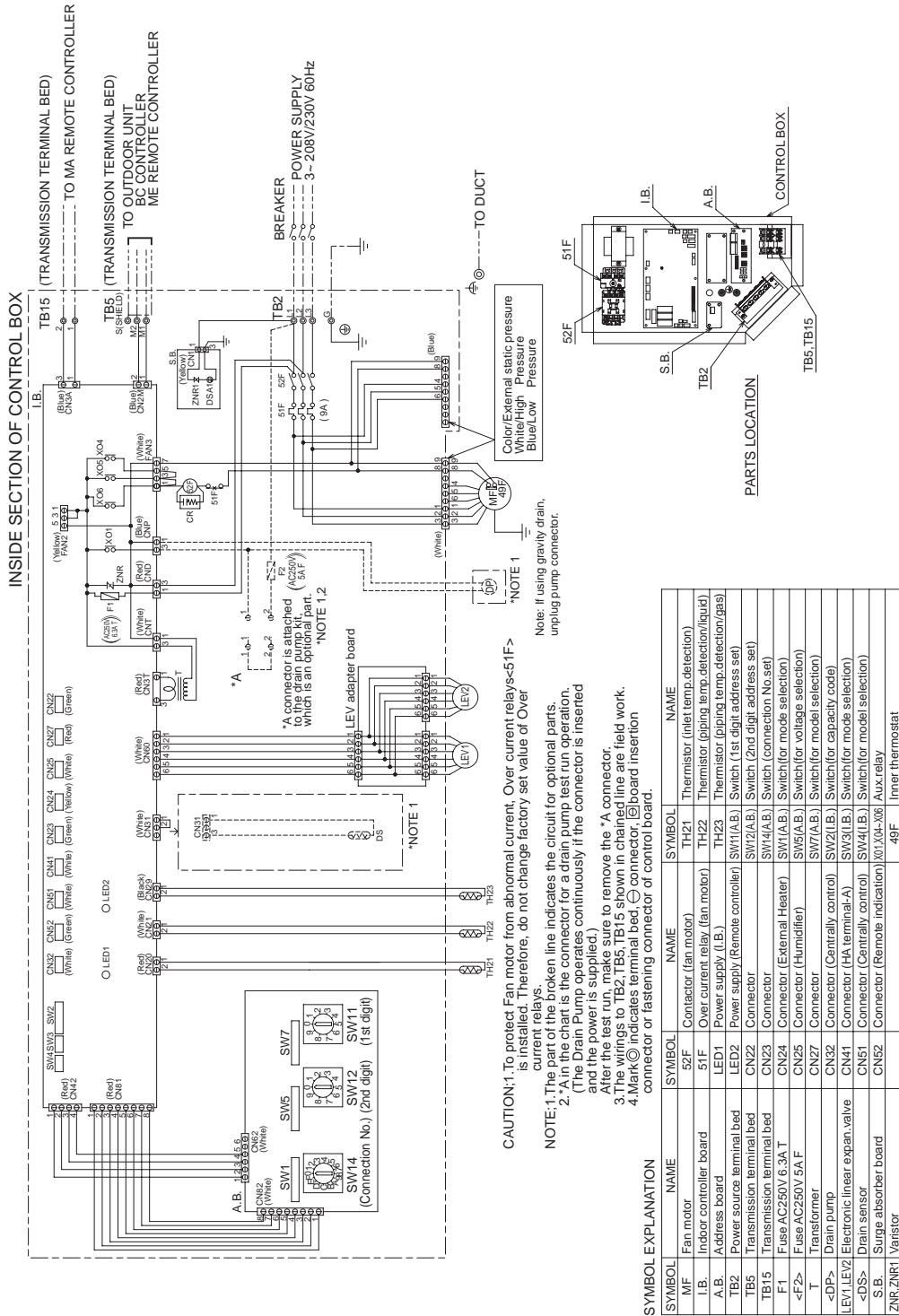
SYMBOL	NAME	SYMBOL	NAME
MF	Fan motor	TH21	Thermistor (inlet temp. detection)
C	Capacitor (for MF)	TH22	Thermistor (piping temp. detection/liquid)
L.B.	Indoor controller board	TH23	Thermistor (piping temp. detection/gas)
A.B.	Address board	SW1(A,B)	Switch (1st digit address set)
TB2	Power source terminal bed	SW2(A,B)	Switch (2nd digit address set)
TB5	Transmission terminal bed	SW4(A,B)	Switch (connection No. set)
TB15	Transmission terminal bed	SW5(A,B)	Switch (for mode selection)
F1	Fuse AC250V 6.3A T	SW6(A,B)	Switch (for voltage selection)
<F2>	Fuse AC250V 5A F	SW7(A,B)	Switch (for model selection)
T	Transformer	CN27	Connector (Centrally control)
<DP>	Drain pump	CN32	Connector (Centrally control)
ZNR, ZNR1	Electronic linear expansion valve	CN41	Connector (HA terminal-A)
		CN51	Connector (Centrally control)
		CN52	Connector (Remote indication)
		X01(X02-X06)	Aux. relay

inside < > is the optional parts.

4. ELECTRICAL WIRING DIAGRAMS

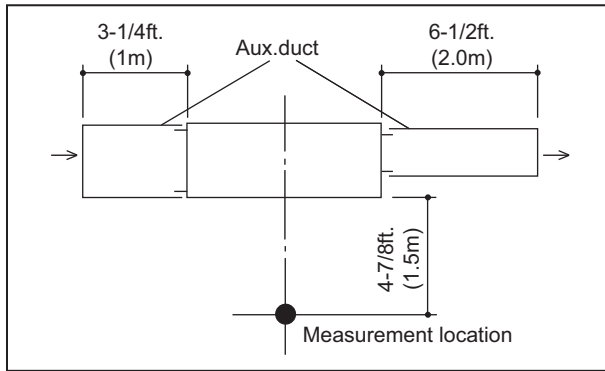
PEFY-P72,96NMHU-E

Drw. : IU-W660130



5. SOUND PRESSURE LEVELS

5-1. Sound Pressure Levels



Measured in an anechoic room.

(Low - Middle - High) Operating Sound pressure levels

Unit : dB (A)

Model		Sound pressure level (A weighted)
PEFY-P06NMSU-E	208V	22 - 24 - 28
	230V	22 - 24 - 28
PEFY-P08NMSU-E	208V	23 - 26 - 30
	230V	23 - 26 - 30
PEFY-P12NMSU-E	208V	23 - 28 - 35
	230V	23 - 28 - 35
PEFY-P15NMSU-E	208V	28 - 30 - 33
	230V	28 - 30 - 33
PEFY-P18NMSU-E	208V	30 - 34 - 37
	230V	30 - 34 - 37
PEFY-P24NMSU-E	208V	30 - 35 - 40
	230V	30 - 35 - 40

Sound level at anechoic room : Low-Mid-High

Model	Sound pressure level dB(A)				
	35Pa	50Pa	70Pa	100Pa	150Pa
PEFY-P06NMAU-E	26-27-28	26-28-29	26-29-31	27-30-33	28-33-37
PEFY-P08NMAU-E	26-27-28	26-28-29	26-29-31	27-30-33	28-33-37
PEFY-P12NMAU-E	28-30-34	28-30-34	29-32-36	29-33-37	31-35-40
PEFY-P15NMAU-E	28-30-34	28-30-34	29-32-36	29-33-37	32-36-40
PEFY-P18NMAU-E	28-31-35	28-32-35	29-33-37	30-34-38	32-37-41
PEFY-P24NMAU-E	29-32-35	29-32-36	30-33-38	31-35-39	33-38-41
PEFY-P27NMAU-E	30-33-37	30-34-38	31-36-39	33-37-41	36-41-44
PEFY-P30NMAU-E	30-33-37	30-34-38	31-36-39	33-37-41	36-41-44
PEFY-P36NMAU-E	31-36-40	32-37-41	33-38-42	35-39-43	37-42-45
PEFY-P48NMAU-E	35-40-44	35-40-44	37-41-45	38-42-46	39-44-47
PEFY-P54NMAU-E	36-41-45	36-41-45	38-42-46	39-43-47	40-45-48

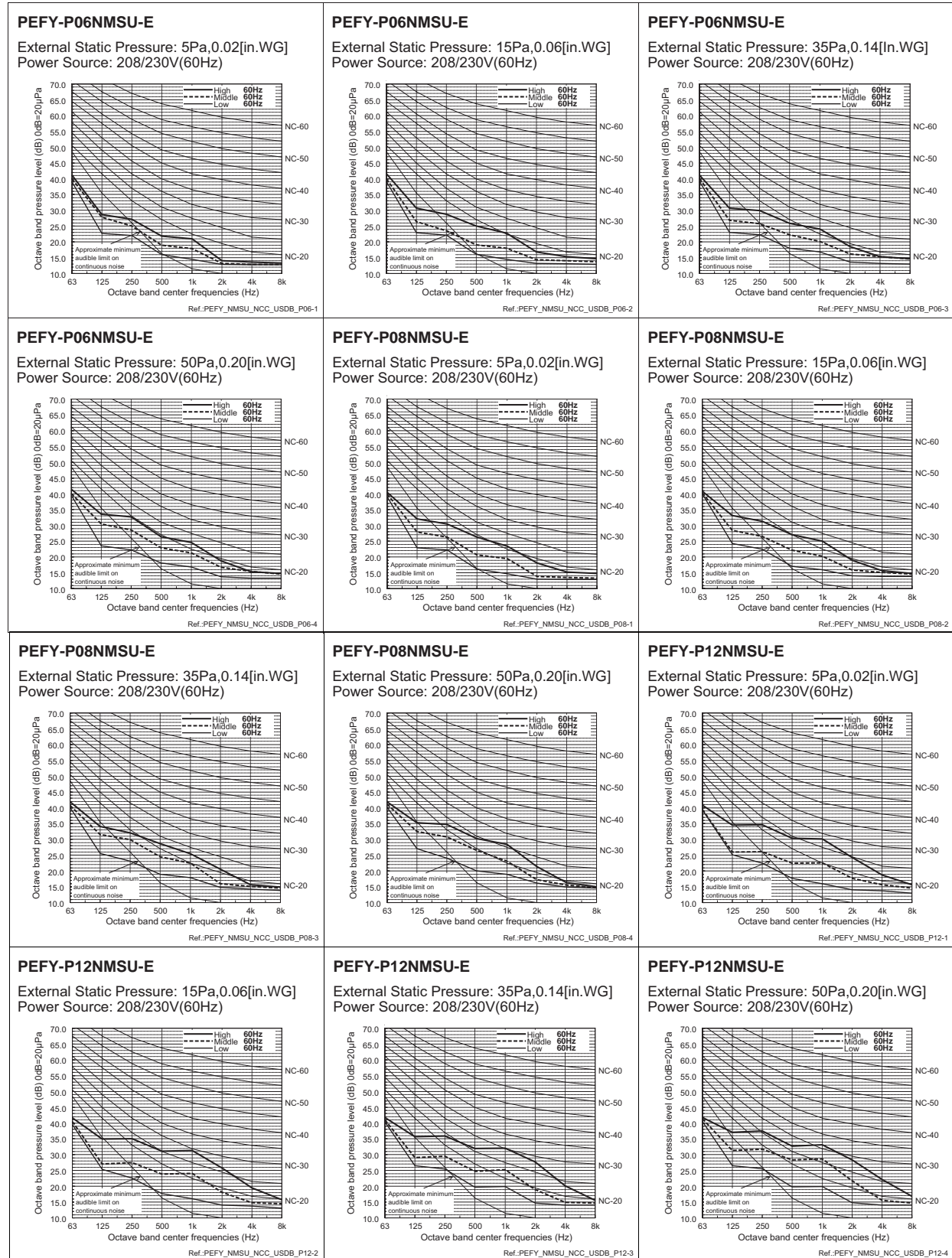
((Low) - High)

Unit : dB (A)

Model		Sound pressure level (A weighted)
PEFY-P15,P18NMHU-E	208V	25 - 32
	230V	34 - 39
PEFY-P24NMHU-E	208V	29 - 36
	230V	36 - 41
PEFY-P27NMHU-E	208V	30 - 38
	230V	35 - 41
PEFY-P30NMHU-E	208V	33 - 40
	230V	38 - 43
PEFY-P36,P48,P54NMHU-E	208V	31 - 41
	230V	38 - 44
PEFY-P72NMHU-E	208V	45
	230V	47
PEFY-P96NMHU-E	208V	52
	230V	54

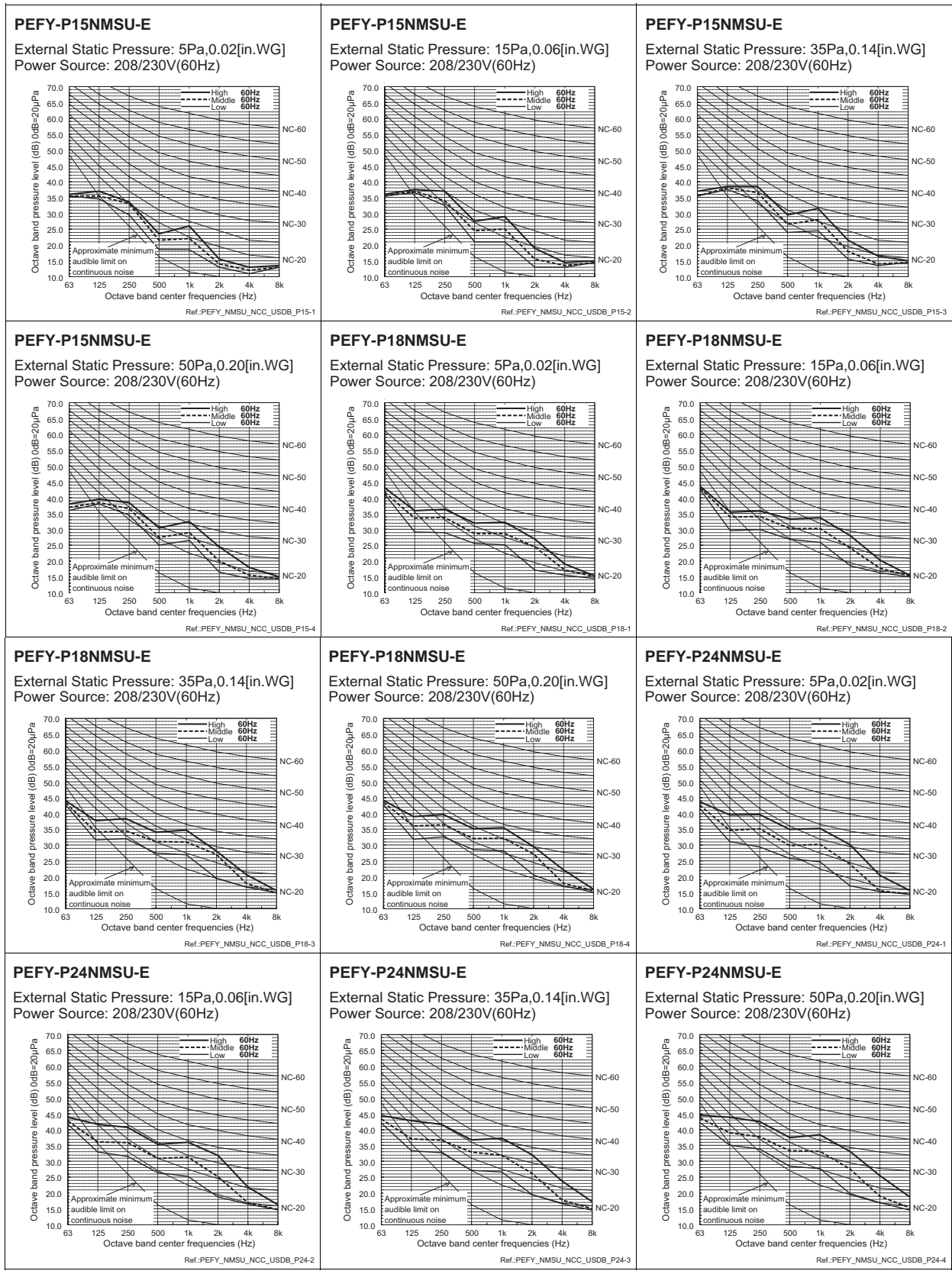
5. SOUND PRESSURE LEVELS

5-2. NC Curves



5. SOUND PRESSURE LEVELS

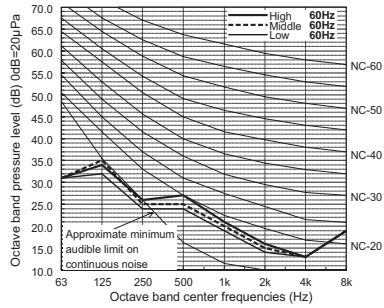
PEFY-P-NMSU-E
PEFY-P-NMAU-E
PEFY-P-NMHU-E



5. SOUND PRESSURE LEVELS

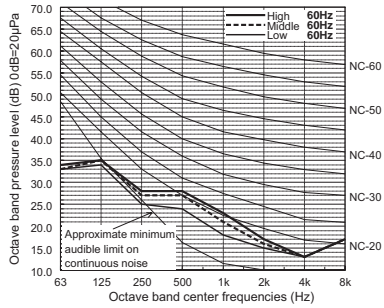
PEFY-P06,08NMAU-E

External Static Pressure: 35Pa,0.14[in.WG]
 Power Source: 208-230V(60Hz)



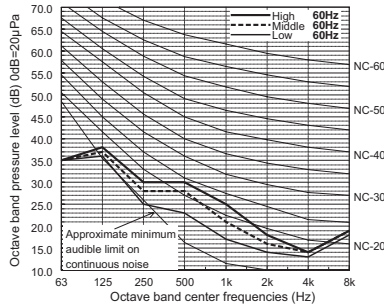
PEFY-P06,08NMAU-E

External Static Pressure: 50Pa,0.20[in.WG]
 Power Source: 208-230V(60Hz)



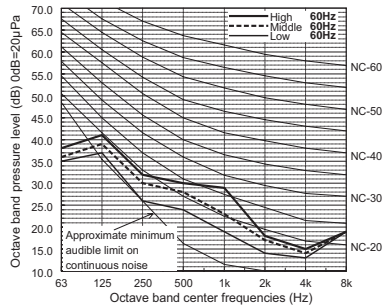
PEFY-P06,08NMAU-E

External Static Pressure: 70Pa,0.28[in.WG]
 Power Source: 208-230V(60Hz)



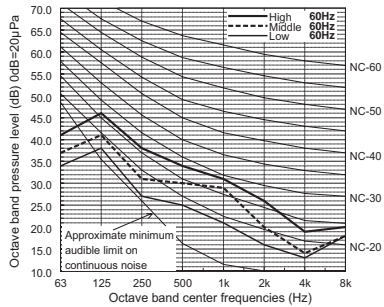
PEFY-P06,08NMAU-E

External Static Pressure: 100Pa,0.4[in.WG]
 Power Source: 208-230V(60Hz)



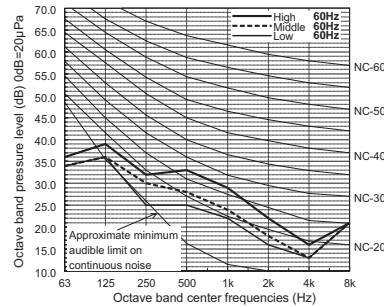
PEFY-P06,08NMAU-E

External Static Pressure: 150Pa,0.6[in.WG]
 Power Source: 208-230V(60Hz)



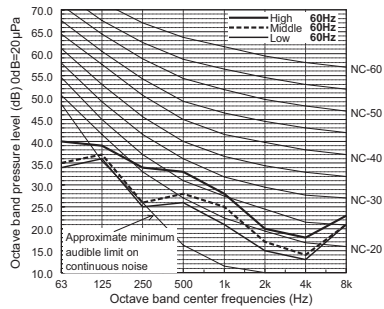
PEFY-P12NMAU-E

External Static Pressure: 35Pa,0.14[in.WG]
 Power Source: 208-230V(60Hz)



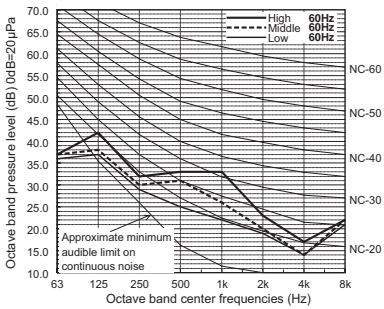
PEFY-P12NMAU-E

External Static Pressure: 50Pa,0.20[in.WG]
 Power Source: 208-230V(60Hz)



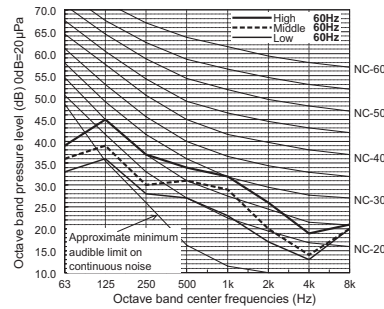
PEFY-P12NMAU-E

External Static Pressure: 70Pa,0.28[in.WG]
 Power Source: 208-230V(60Hz)



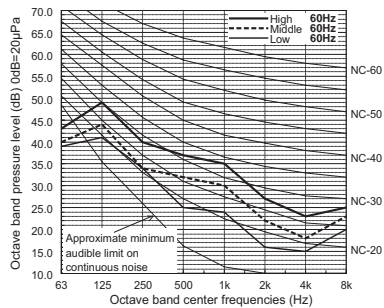
PEFY-P12NMAU-E

External Static Pressure: 100Pa,0.4[in.WG]
 Power Source: 208-230V(60Hz)



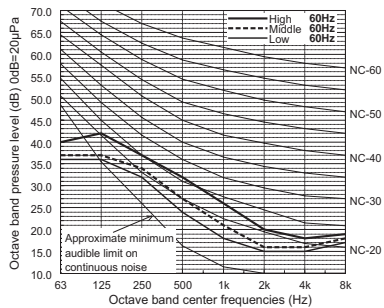
PEFY-P12NMAU-E

External Static Pressure: 150Pa,0.6[in.WG]
 Power Source: 208-230V(60Hz)



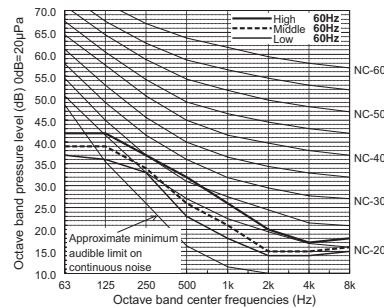
PEFY-P15NMAU-E

External Static Pressure: 35Pa,0.14[in.WG]
 Power Source: 208-230V(60Hz)



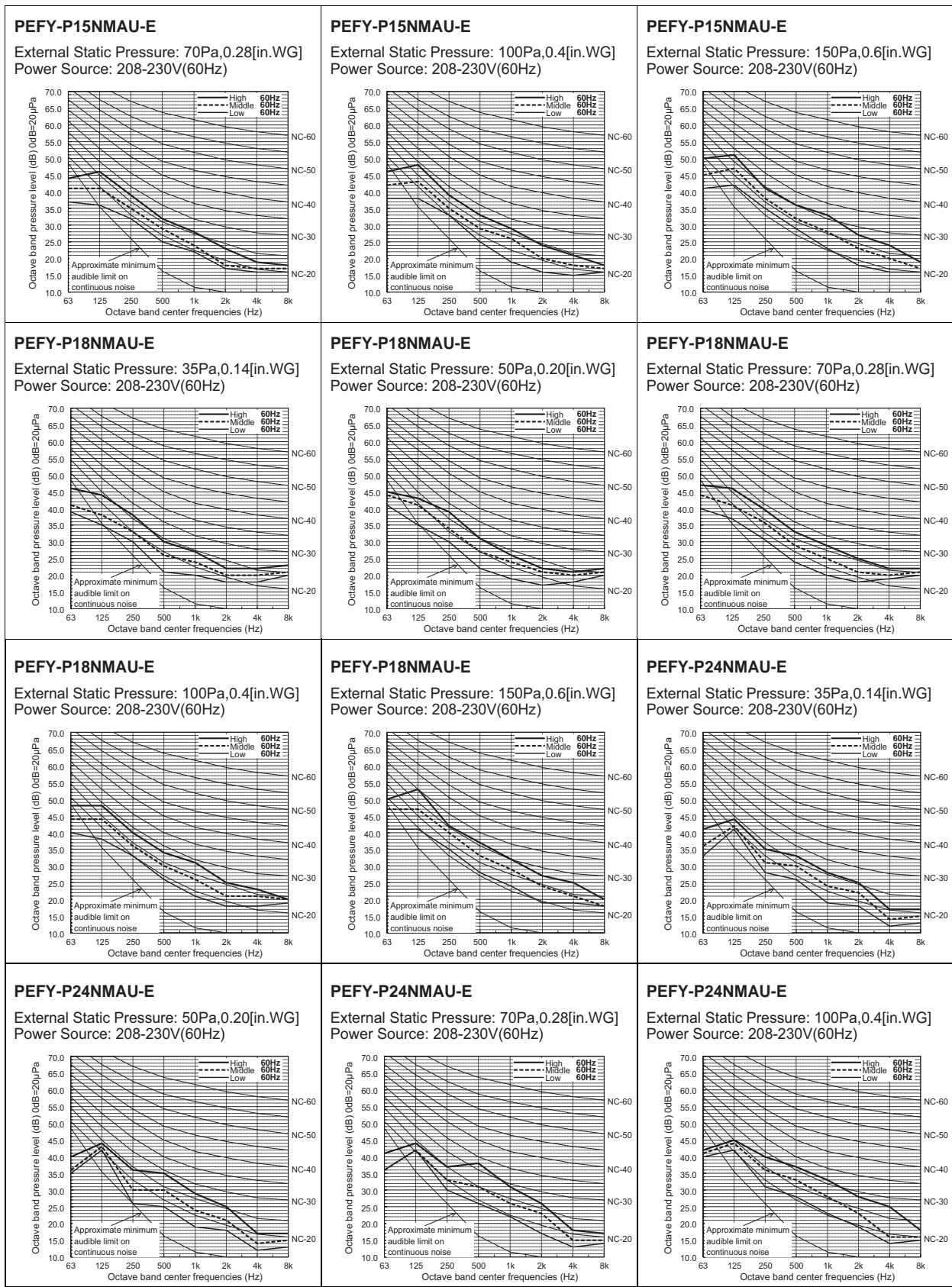
PEFY-P15NMAU-E

External Static Pressure: 50Pa,0.20[in.WG]
 Power Source: 208-230V(60Hz)



5. SOUND PRESSURE LEVELS

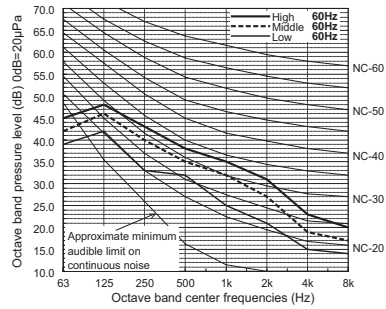
PEFY-P-NMSU-E
 PEFY-P-NMAU-E
 PEFY-P-NMHU-E



5. SOUND PRESSURE LEVELS

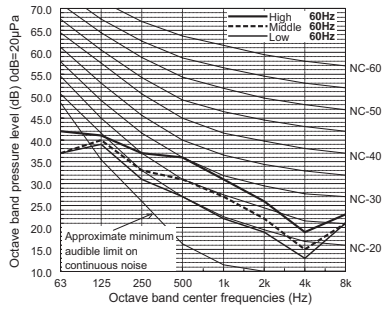
PEFY-P24NMAU-E

External Static Pressure: 150Pa,0.6[in.WG]
Power Source: 208-230V(60Hz)



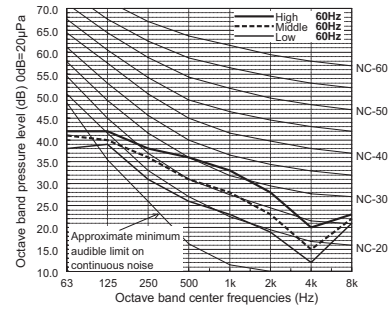
PEFY-P27,30NMAU-E

External Static Pressure: 35Pa,0.14[in.WG]
Power Source: 208-230V(60Hz)



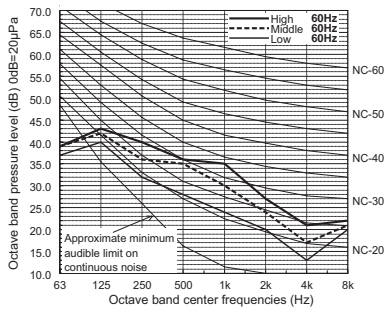
PEFY-P27,30NMAU-E

External Static Pressure: 50Pa,0.20[in.WG]
Power Source: 208-230V(60Hz)



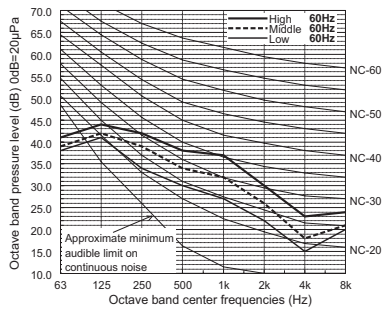
PEFY-P27,30NMAU-E

External Static Pressure: 70Pa,0.28[in.WG]
Power Source: 208-230V(60Hz)



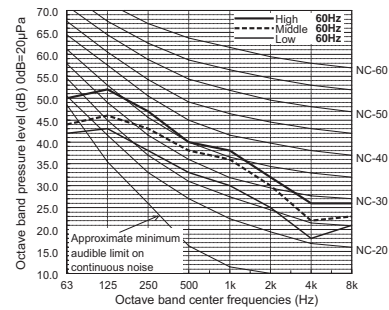
PEFY-P27,30NMAU-E

External Static Pressure: 100Pa,0.4[in.WG]
Power Source: 208-230V(60Hz)



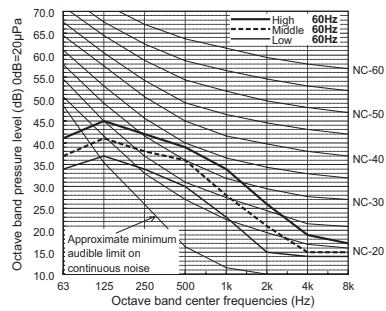
PEFY-P27,30NMAU-E

External Static Pressure: 150Pa,0.6[in.WG]
Power Source: 208-230V(60Hz)



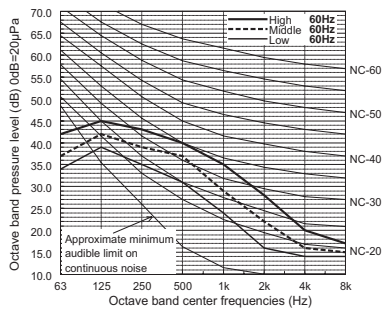
PEFY-P36NMAU-E

External Static Pressure: 35Pa,0.14[in.WG]
Power Source: 208-230V(60Hz)



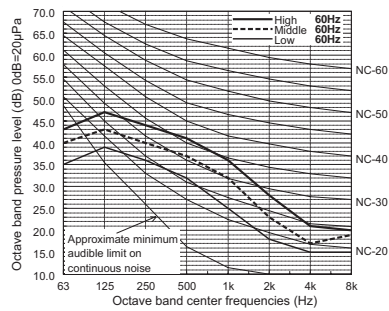
PEFY-P36NMAU-E

External Static Pressure: 50Pa,0.2[in.WG]
Power Source: 208-230V(60Hz)



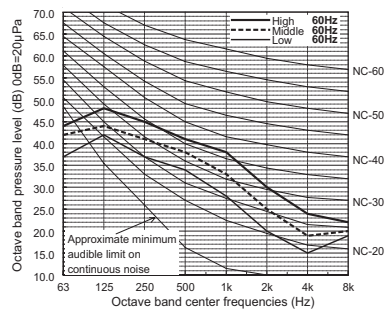
PEFY-P36NMAU-E

External Static Pressure: 70Pa,0.28[in.WG]
Power Source: 208-230V(60Hz)



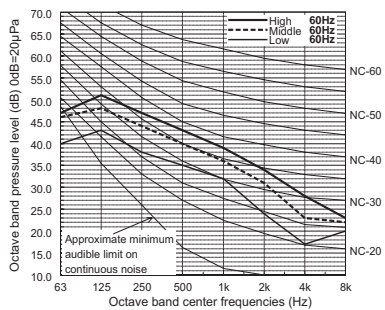
PEFY-P36NMAU-E

External Static Pressure: 100Pa,0.4[in.WG]
Power Source: 208-230V(60Hz)



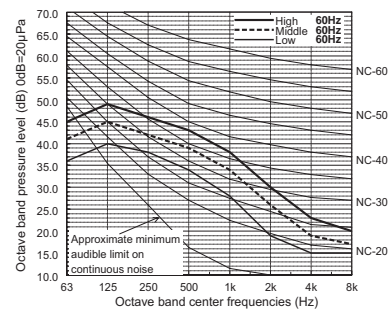
PEFY-P36NMAU-E

External Static Pressure: 150Pa,0.6[in.WG]
Power Source: 208-230V(60Hz)



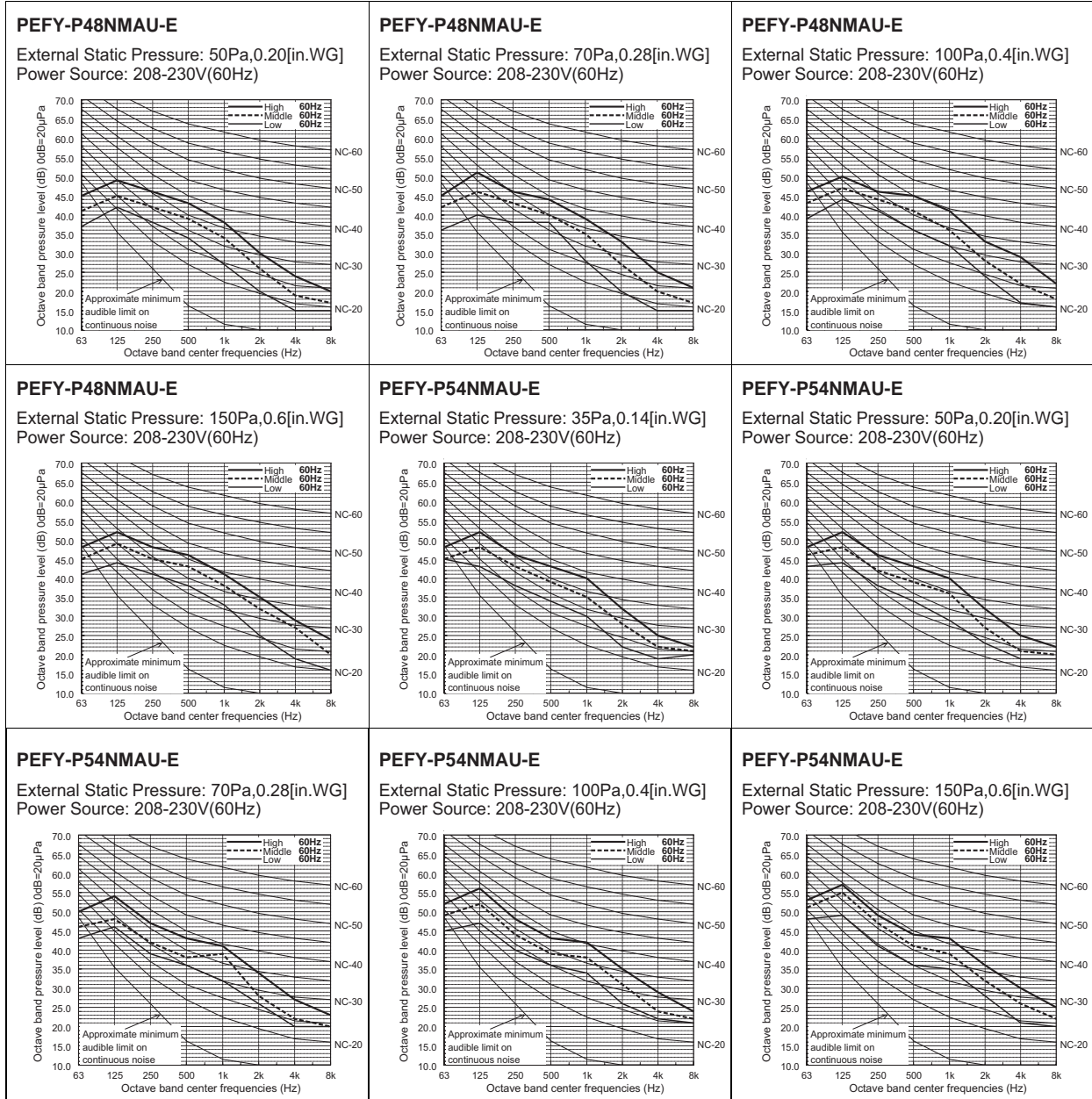
PEFY-P48NMAU-E

External Static Pressure: 35Pa,0.14[in.WG]
Power Source: 208-230V(60Hz)



5. SOUND PRESSURE LEVELS

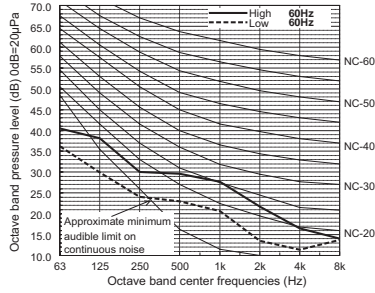
PEFY-P-NMSU-E
PEFY-P-NMAU-E
PEFY-P-NMHU-E



5. SOUND PRESSURE LEVELS

PEFY-P15NMHU-E

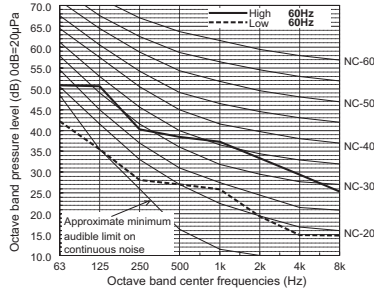
External Static Pressure: 50Pa,0.20[in.WG]
Power Source: 208V 60Hz



Ref.:NC_PEFY-P15NMHU-E_WYN B0-4423-2

PEFY-P15NMHU-E

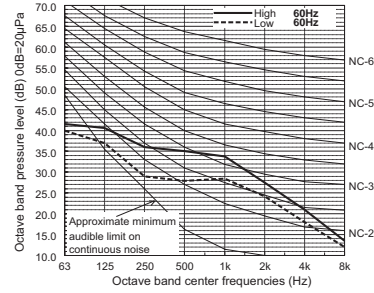
External Static Pressure: 160Pa,0.64[in.WG]
Power Source: 208V 60Hz



Ref.:NC_PEFY-P15NMHU-E_WYN B0-4423-1

PEFY-P15NMHU-E

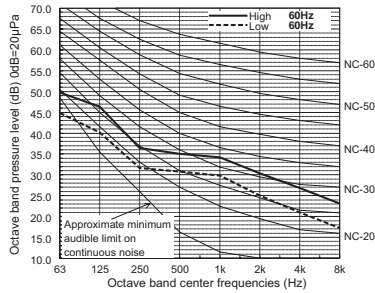
External Static Pressure: 100Pa,0.4[in.WG]
Power Source: 230V 60Hz



Ref.:NC_PEFY-P15NMHU-E_WYN B0-4423-3

PEFY-P15NMHU-E

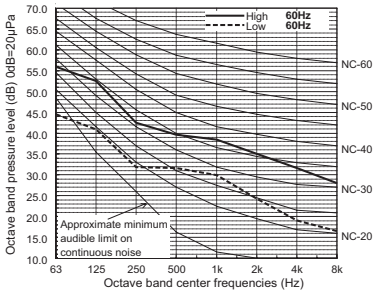
External Static Pressure: 150Pa,0.6[in.WG]
Power Source: 230V 60Hz



Ref.:NC_PEFY-P15NMHU-E_WYN B0-4423-4

PEFY-P15NMHU-E

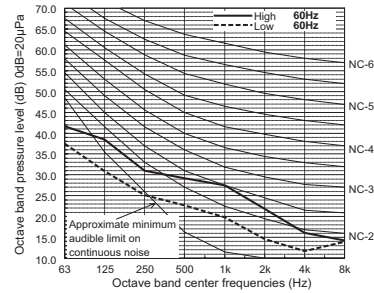
External Static Pressure: 200Pa,0.8[in.WG]
Power Source: 230V 60Hz



Ref.:NC_PEFY-P15NMHU-E_WYN B0-4423-3

PEFY-P18NMHU-E

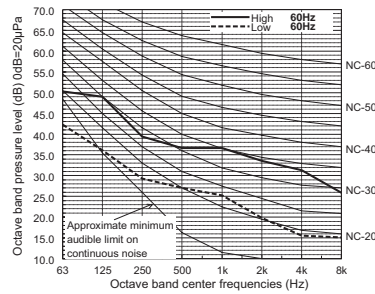
External Static Pressure: 50Pa,0.20[in.WG]
Power Source: 208V 60Hz



Ref.:NC_PEFY-P18NMHU-E_WYN B0-4424-2

PEFY-P18NMHU-E

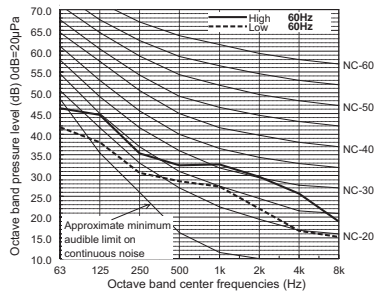
External Static Pressure: 160Pa,0.64[in.WG]
Power Source: 208V 60Hz



Ref.:NC_PEFY-P18NMHU-E_WYN B0-4424-1

PEFY-P18NMHU-E

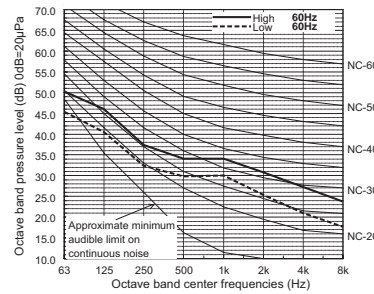
External Static Pressure: 100Pa,0.4[in.WG]
Power Source: 230V 60Hz



Ref.:NC_PEFY-P18NMHU-E_WYN B0-4424-5

PEFY-P18NMHU-E

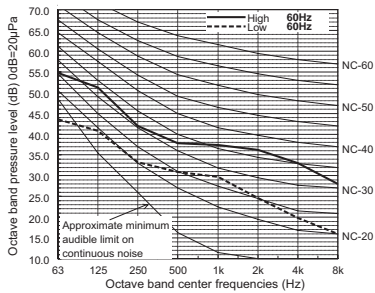
External Static Pressure: 150Pa,0.6[in.WG]
Power Source: 230V 60Hz



Ref.:NC_PEFY-P18NMHU-E_WYN B0-4424-4

PEFY-P18NMHU-E

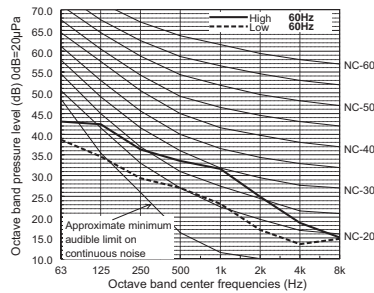
External Static Pressure: 200Pa,0.8[in.WG]
Power Source: 230V 60Hz



Ref.:NC_PEFY-P18NMHU-E_WYN B0-4424-3

PEFY-P24NMHU-E

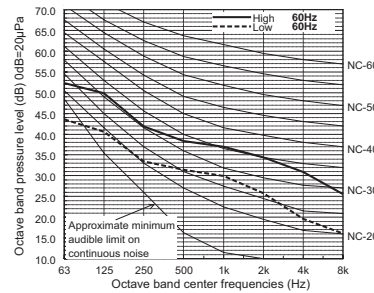
External Static Pressure: 50Pa,0.2[in.WG]
Power Source: 208V 60Hz



Ref.:NC_PEFY-P24NMHU-E_WYN B0-4425-2

PEFY-P24NMHU-E

External Static Pressure: 160Pa,0.64[in.WG]
Power Source: 208V 60Hz



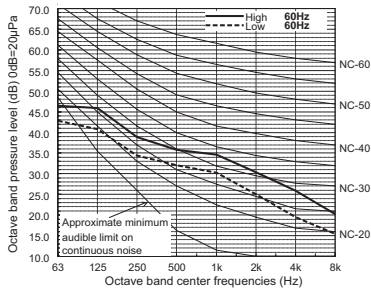
Ref.:NC_PEFY-P24NMHU-E_WYN B0-4425-1

5. SOUND PRESSURE LEVELS

PEFY-P-NMSU-E
PEFY-P-NMAU-E
PEFY-P-NMHU-E

PEFY-P24NMHU-E

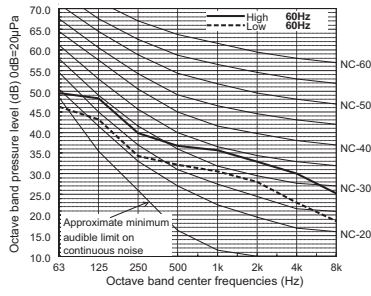
External Static Pressure: 100Pa,0.4[in.WG]
Power Source: 230V 60Hz



Ref.:NC_PEFY-P24NMHU-E_WYN B0-4425-5

PEFY-P24NMHU-E

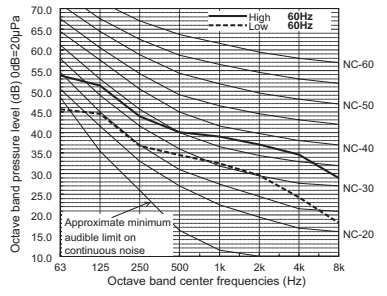
External Static Pressure: 150Pa,0.6[in.WG]
Power Source: 230V 60Hz



Ref.:NC_PEFY-P24NMHU-E_WYN B0-4425-4

PEFY-P24NMHU-E

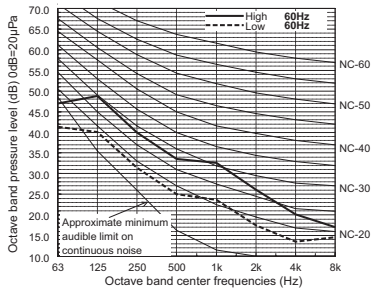
External Static Pressure: 200Pa,0.8[in.WG]
Power Source: 230V 60Hz



Ref.:NC_PEFY-P24NMHU-E_WYN B0-4425-3

PEFY-P27NMHU-E

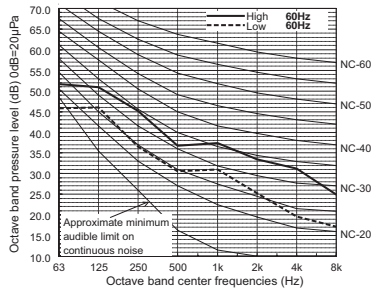
External Static Pressure: 50Pa,0.2[in.WG]
Power Source: 208V 60Hz



Ref.:NC_PEFY-P27NMHU-E_WYN B0-4426-2

PEFY-P27NMHU-E

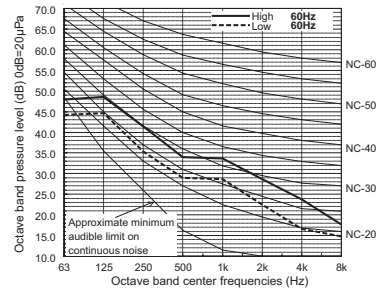
External Static Pressure: 160Pa,0.64[in.WG]
Power Source: 208V 60Hz



Ref.:NC_PEFY-P27NMHU-E_WYN B0-4426-1

PEFY-P27NMHU-E

External Static Pressure: 100Pa,0.4[in.WG]
Power Source: 230V 60Hz



Ref.:NC_PEFY-P27NMHU-E_WYN B0-4426-5

5. SOUND PRESSURE LEVELS

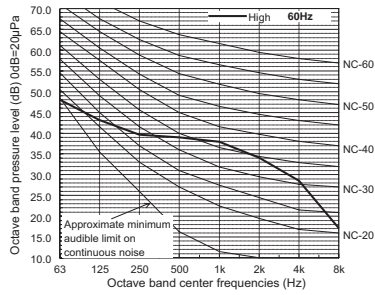
<p>PEFY-P27NMHU-E External Static Pressure: 150Pa,0.6[in.WG] Power Source: 230V 60Hz</p> <p>Ref.:NC_PEFY-P27NMHU-E_WYN B0-4426-4</p>	<p>PEFY-P27NMHU-E External Static Pressure: 200Pa,0.8[in.WG] Power Source: 230V 60Hz</p> <p>Ref.:NC_PEFY-P27NMHU-E_WYN B0-4426-3</p>	<p>PEFY-P30NMHU-E External Static Pressure: 50Pa,0.02[in.WG] Power Source: 208V 60Hz</p> <p>Ref.:NC_PEFY-P30NMHU-E_WYN B0-4427-2</p>
<p>PEFY-P30NMHU-E External Static Pressure: 160Pa,0.64[in.WG] Power Source: 208V 60Hz</p> <p>Ref.:NC_PEFY-P30NMHU-E_WYN B0-4427-1</p>	<p>PEFY-P30NMHU-E External Static Pressure: 100Pa,0.4[in.WG] Power Source: 230V 60Hz</p> <p>Ref.:NC_PEFY-P30NMHU-E_WYN B0-4427-5</p>	<p>PEFY-P30NMHU-E External Static Pressure: 150Pa,0.6[in.WG] Power Source: 230V 60Hz</p> <p>Ref.:NC_PEFY-P30NMHU-E_WYN B0-4427-4</p>
<p>PEFY-P30NMHU-E External Static Pressure: 200Pa,0.8[in.WG] Power Source: 230V 60Hz</p> <p>Ref.:NC_PEFY-P30NMHU-E_WYN B0-4427-3</p>	<p>PEFY-P36,48,54NMHU-E External Static Pressure: 50Pa,0.02[in.WG] Power Source: 208V 60Hz</p> <p>Ref.:NC_PEFY-P36,48,54NMHU-E_WYN B0-4428-2</p>	<p>PEFY-P36,48,54NMHU-E External Static Pressure: 160Pa,0.64[in.WG] Power Source: 208V 60Hz</p> <p>Ref.:NC_PEFY-P36,48,54NMHU-E_WYN B0-4428-1</p>
<p>PEFY-P36,48,54NMHU-E External Static Pressure: 100Pa,0.4[in.WG] Power Source: 230V 60Hz</p> <p>Ref.:NC_PEFY-P36,48,54NMHU-E_WYN B0-4428-5</p>	<p>PEFY-P36,48,54NMHU-E External Static Pressure: 150Pa,0.6[in.WG] Power Source: 230V 60Hz</p> <p>Ref.:NC_PEFY-P36,48,54NMHU-E_WYN B0-4428-4</p>	<p>PEFY-P36,48,54NMHU-E External Static Pressure: 200Pa,0.8[in.WG] Power Source: 230V 60Hz</p> <p>Ref.:NC_PEFY-P36,48,54NMHU-E_WYN B0-4428-3</p>

5. SOUND PRESSURE LEVELS

PEFY-P-NMSU-E
PEFY-P-NMAU-E
PEFY-P-NMHU-E

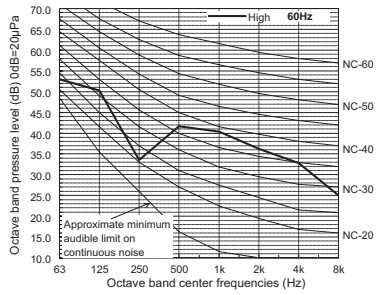
PEFY-P72NMHU-E

External Static Pressure: 70Pa,0.28[in.WG]
Power Source: 208V 60Hz



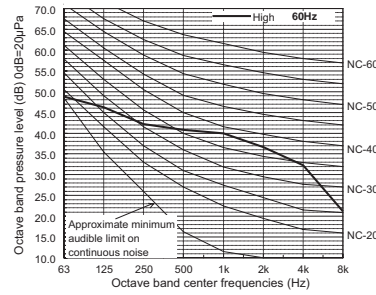
PEFY-P72NMHU-E

External Static Pressure: 160Pa,0.64[in.WG]
Power Source: 208V 60Hz



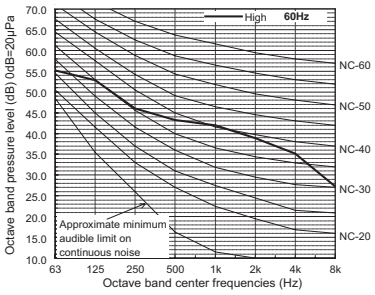
PEFY-P72NMHU-E

External Static Pressure: 100Pa,0.4[in.WG]
Power Source: 230V 60Hz



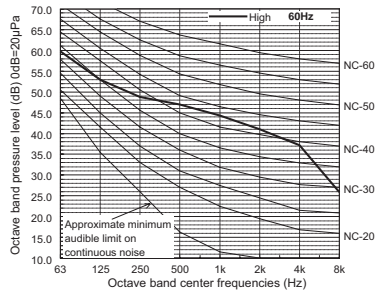
PEFY-P72NMHU-E

External Static Pressure: 200Pa,0.8[in.WG]
Power Source: 230V 60Hz



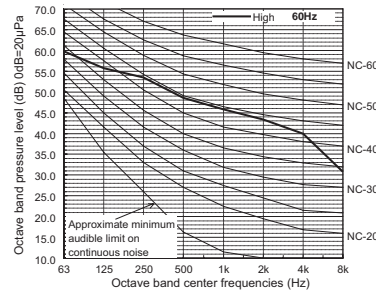
PEFY-P96NMHU-E

External Static Pressure: 70Pa,0.28[in.WG]
Power Source: 208V 60Hz



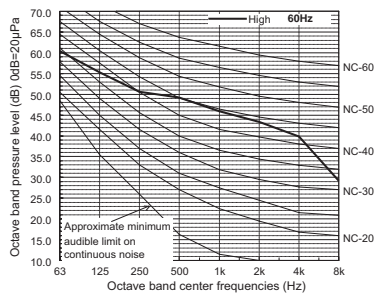
PEFY-P96NMHU-E

External Static Pressure: 160Pa,0.64[in.WG]
Power Source: 208V 60Hz



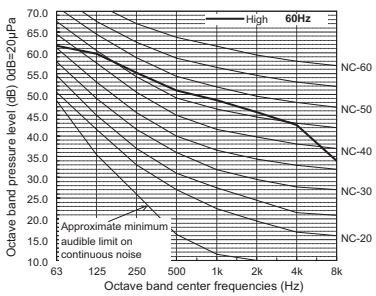
PEFY-P96NMHU-E

External Static Pressure: 100Pa,0.4[in.WG]
Power Source: 230V 60Hz



PEFY-P96NMHU-E

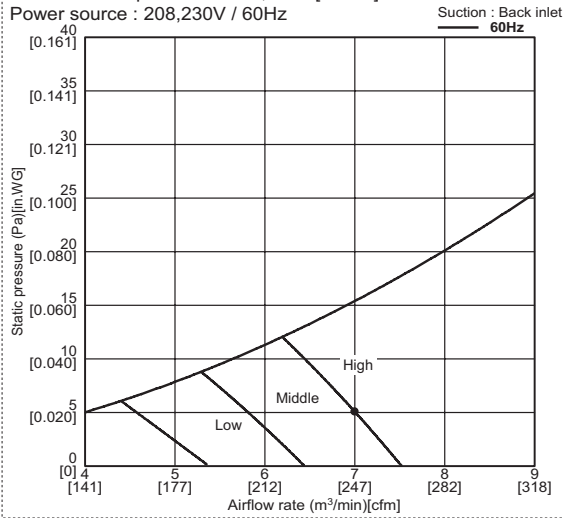
External Static Pressure: 200Pa,0.8[in.WG]
Power Source: 230V 60Hz



6. FAN CHARACTERISTIC CURVES

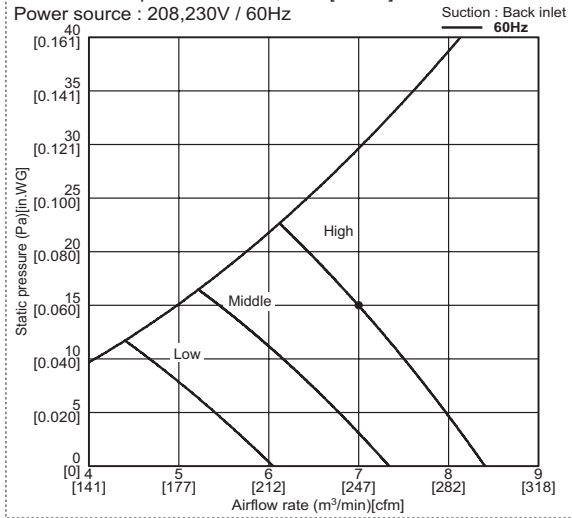
PEFY-P06NMSU-E

External static pressure : 5Pa,0.020[in.WG]
Power source : 208,230V / 60Hz



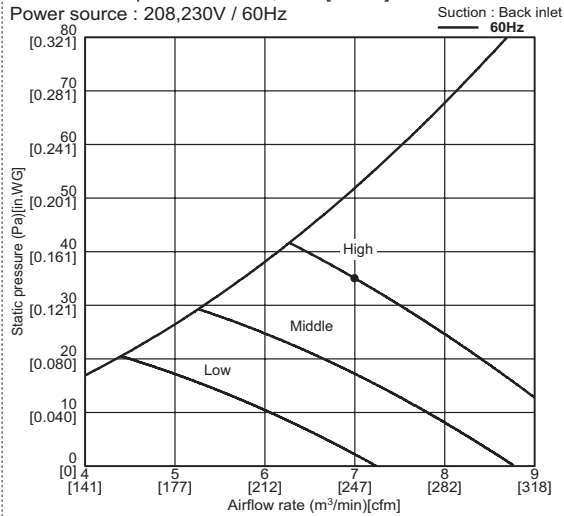
PEFY-P06NMSU-E

External static pressure : 15Pa,0.060[in.WG]
Power source : 208,230V / 60Hz



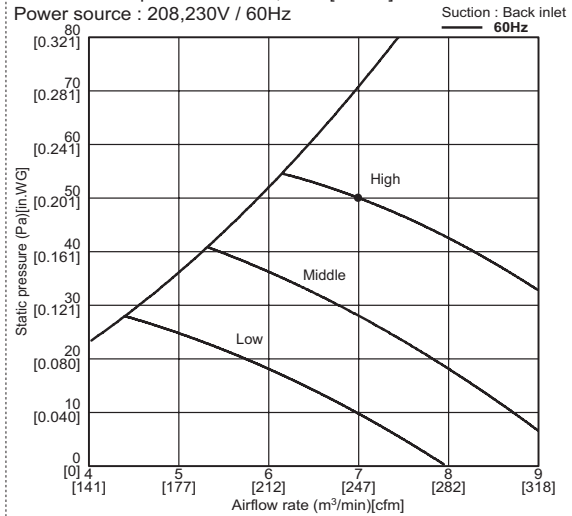
PEFY-P06NMSU-E

External static pressure : 35Pa,0.141[in.WG]
Power source : 208,230V / 60Hz



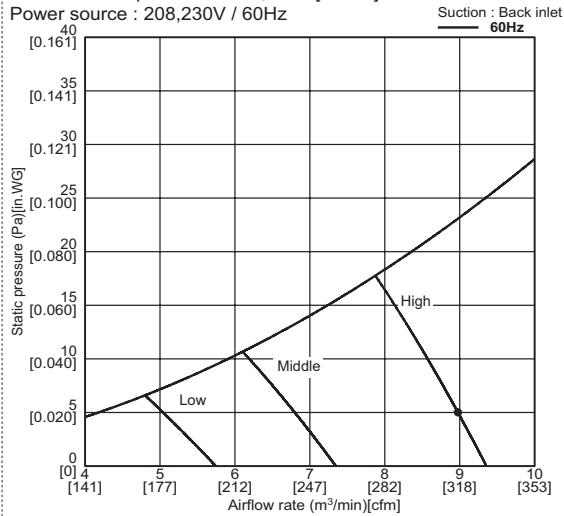
PEFY-P06NMSU-E

External static pressure : 50Pa,0.201[in.WG]
Power source : 208,230V / 60Hz



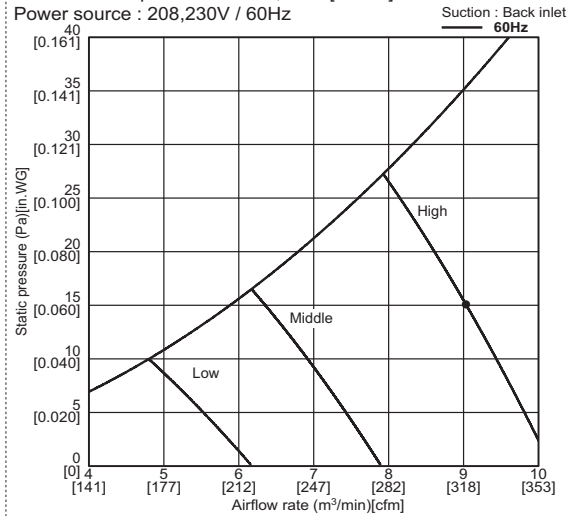
PEFY-P08NMSU-E

External static pressure : 5Pa,0.020[in.WG]
Power source : 208,230V / 60Hz



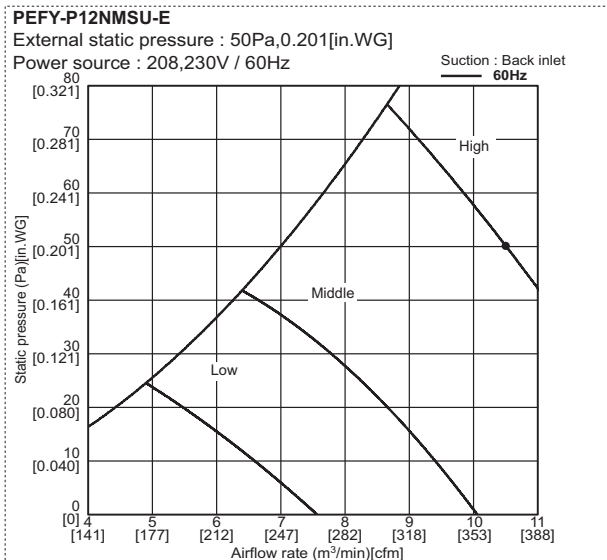
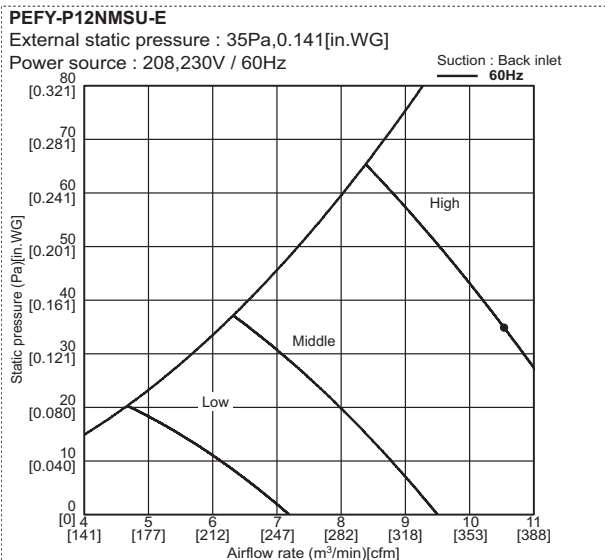
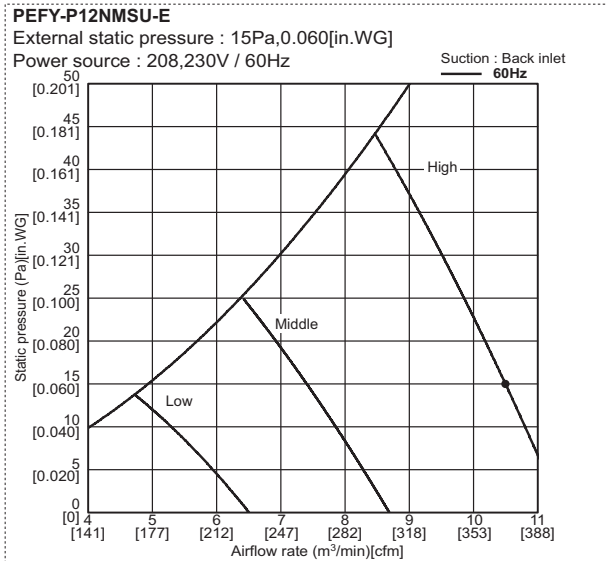
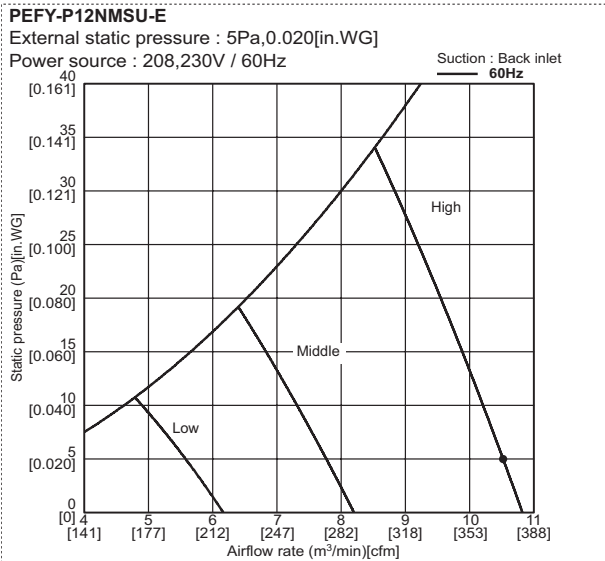
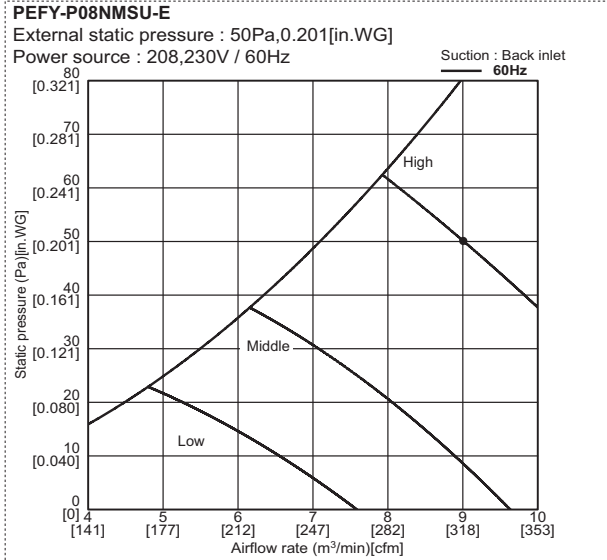
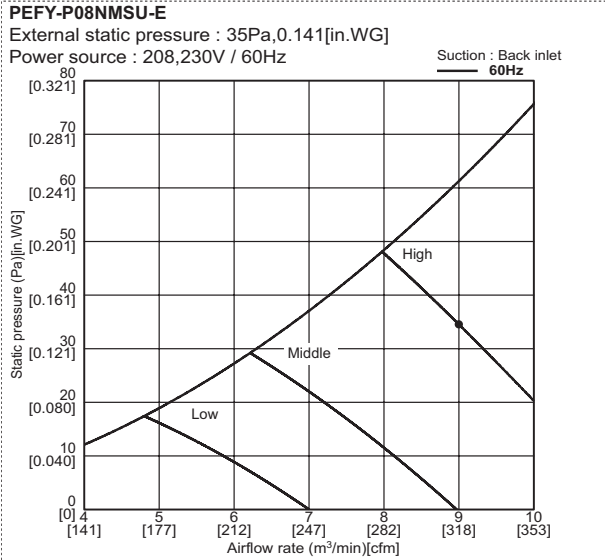
PEFY-P08NMSU-E

External static pressure : 15Pa,0.060[in.WG]
Power source : 208,230V / 60Hz



6. FAN CHARACTERISTIC CURVES

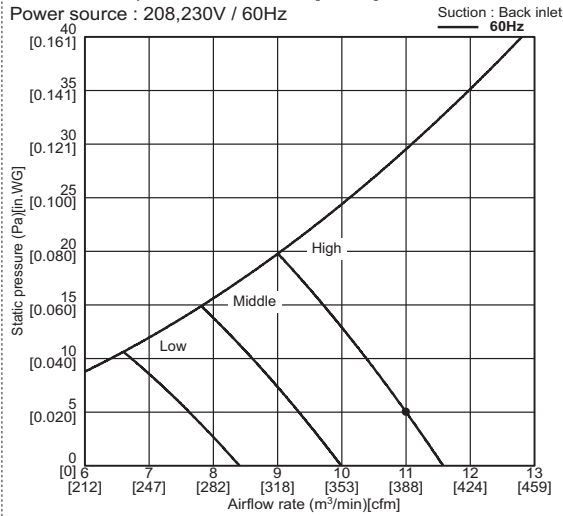
PEFY-P-NMSU-E
PEFY-P-NMAU-E
PEFY-P-NMHU-E



6. FAN CHARACTERISTIC CURVES

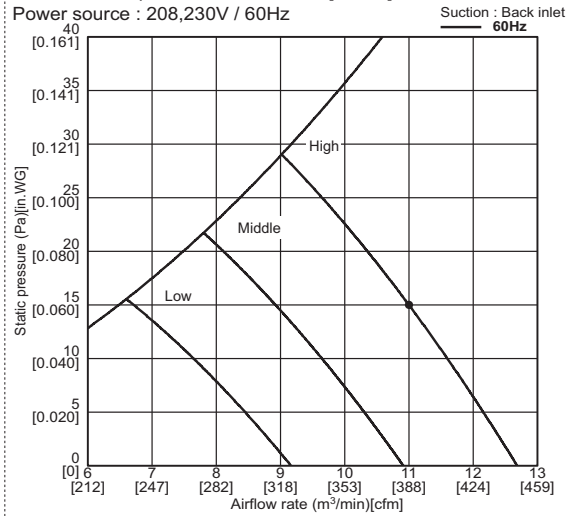
PEFY-P15NMSU-E

External static pressure : 5Pa,0.020[in.WG]
Power source : 208,230V / 60Hz



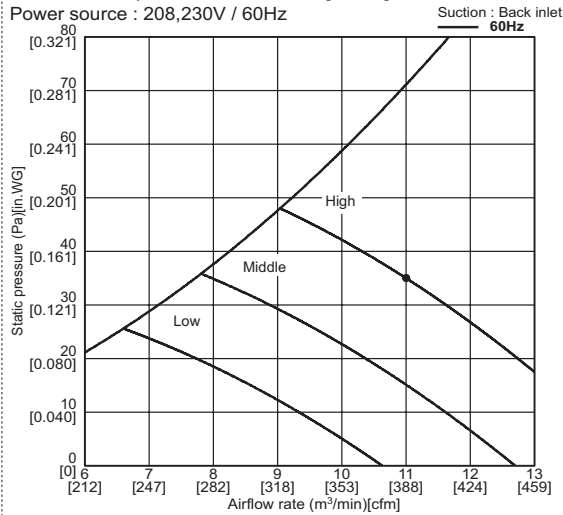
PEFY-P15NMSU-E

External static pressure : 15Pa,0.060[in.WG]
Power source : 208,230V / 60Hz



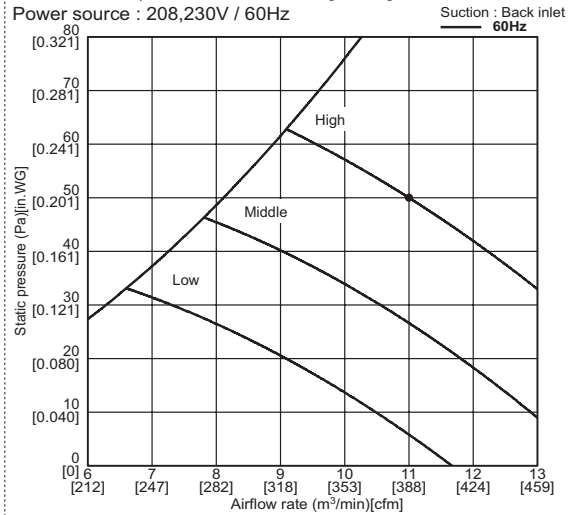
PEFY-P15NMSU-E

External static pressure : 35Pa,0.141[in.WG]
Power source : 208,230V / 60Hz



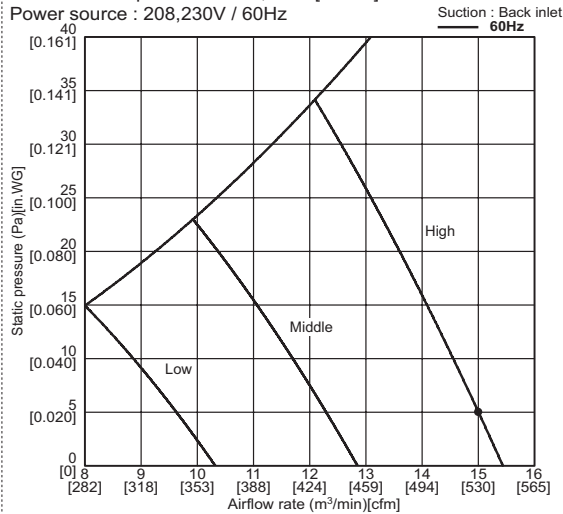
PEFY-P15NMSU-E

External static pressure : 50Pa,0.201[in.WG]
Power source : 208,230V / 60Hz



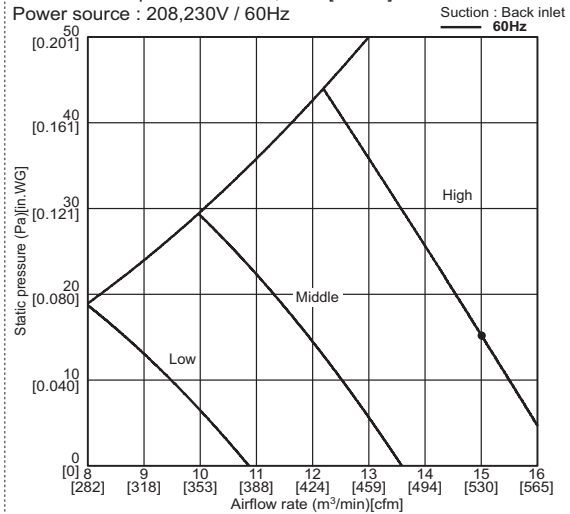
PEFY-P18NMSU-E

External static pressure : 5Pa,0.020[in.WG]
Power source : 208,230V / 60Hz



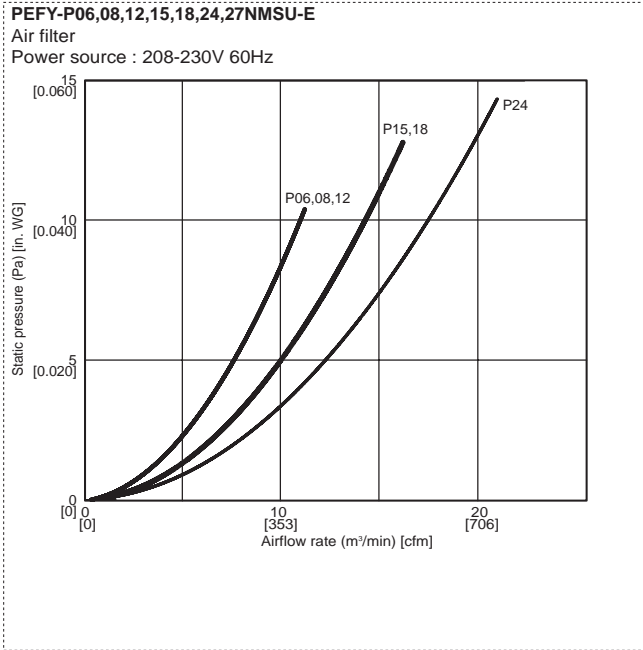
PEFY-P18NMSU-E

External static pressure : 15Pa,0.060[in.WG]
Power source : 208,230V / 60Hz



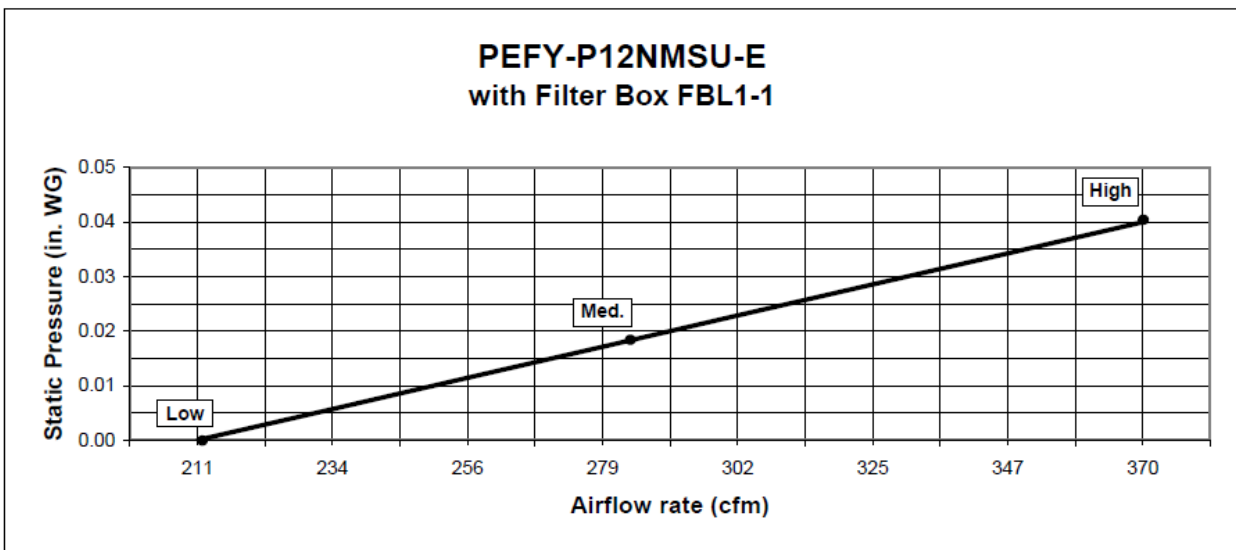
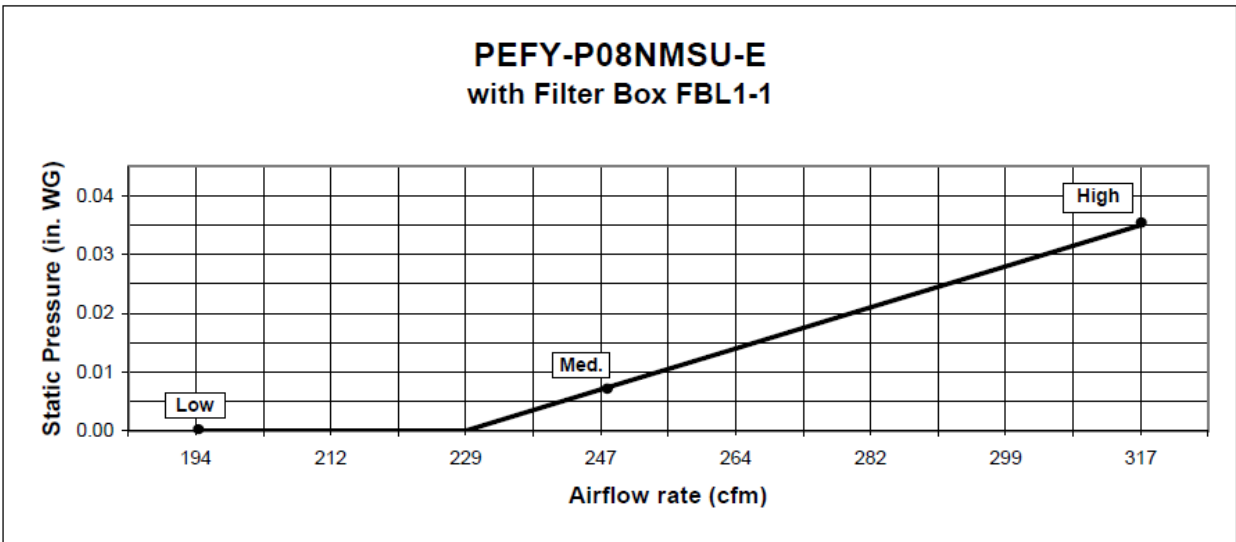
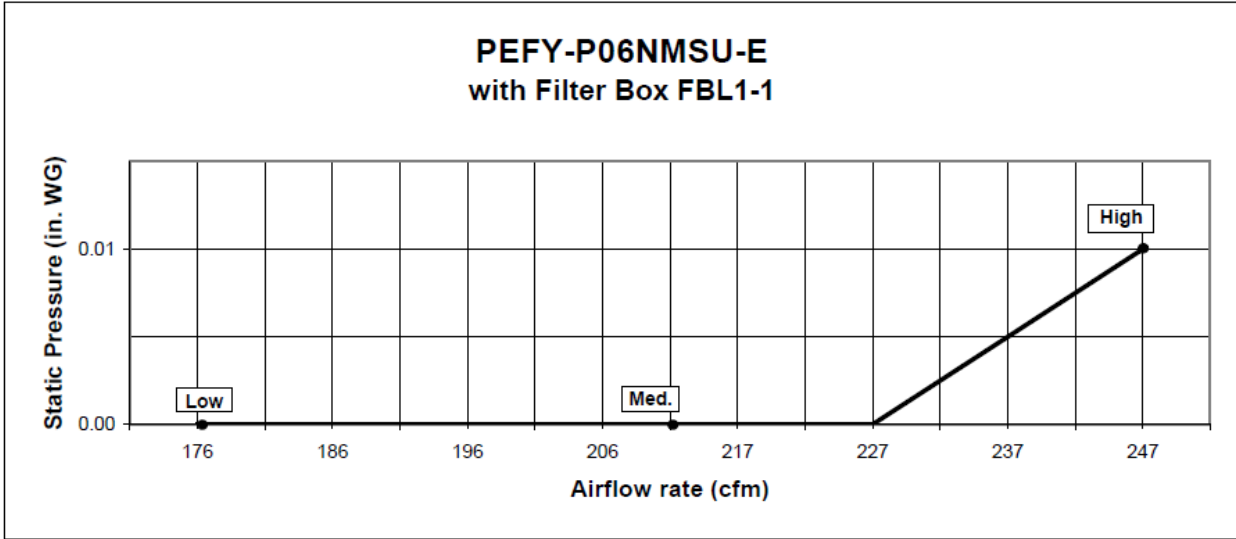
6. FAN CHARACTERISTIC CURVES

Air filter static pressure cuves



6. FAN CHARACTERISTIC CURVES

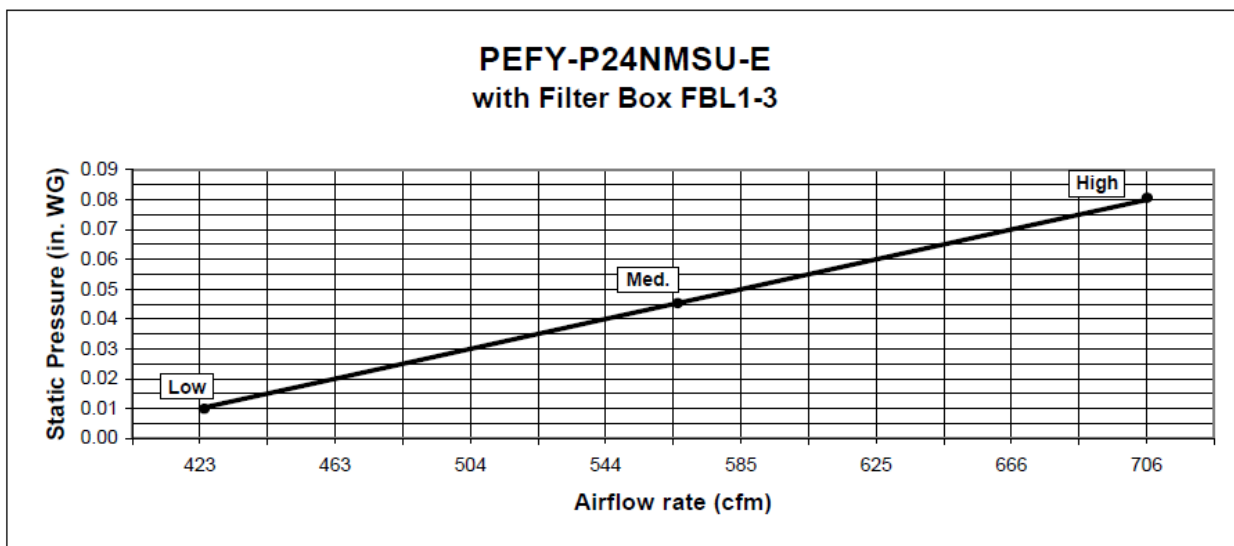
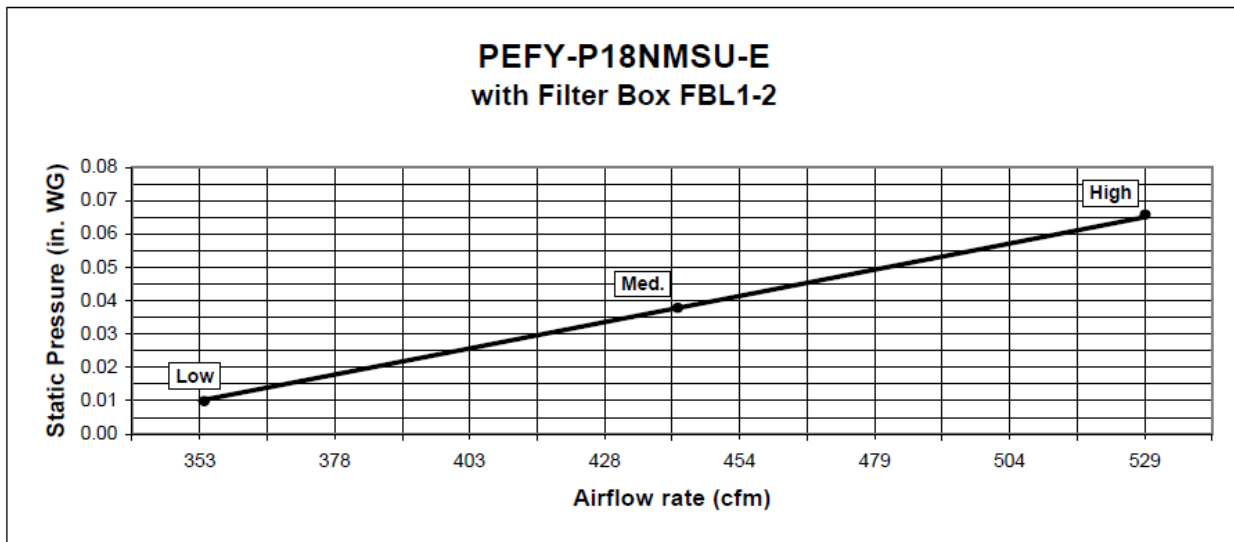
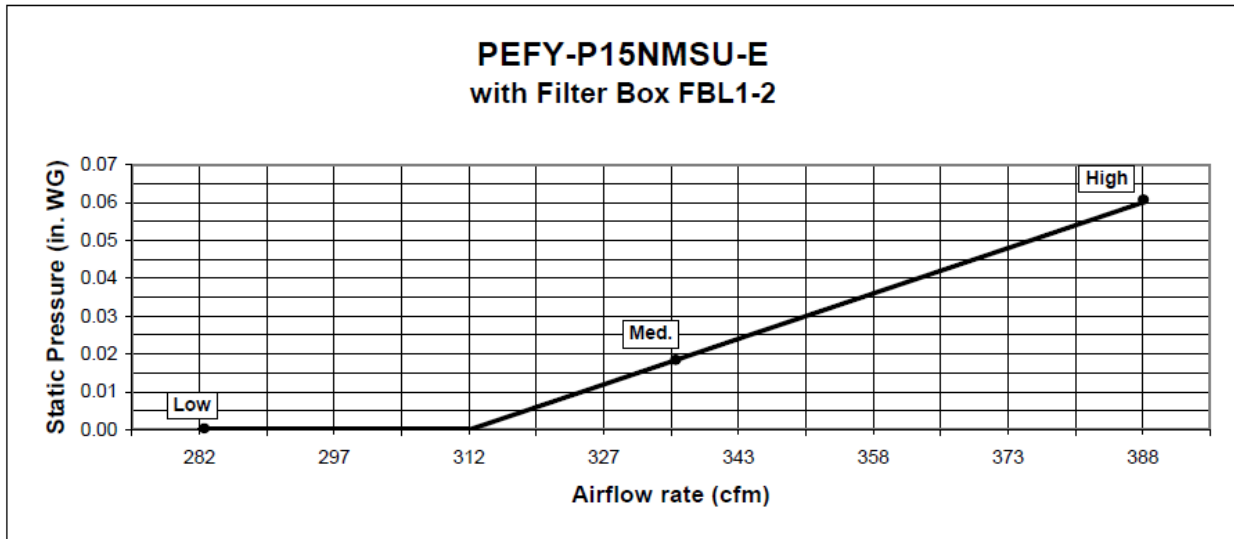
Initial Filter Pressure Drop Curves with Optional 1" MERV 8 Filter(s) Installed - PEFY-NMSU



6. FAN CHARACTERISTIC CURVES

PEFY-P-NMSU-E
PEFY-P-NMAU-E
PEFY-P-NMHU-E

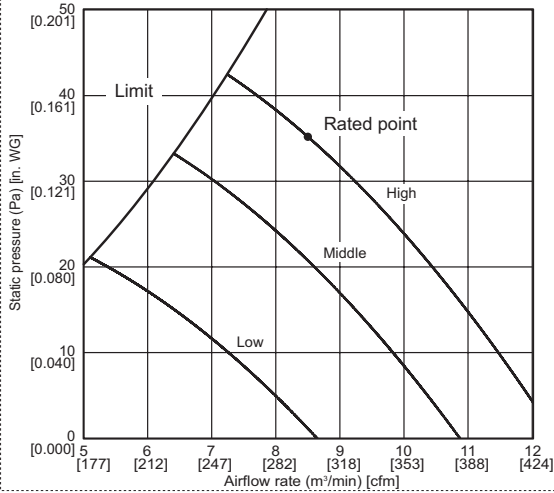
Initial Filter Pressure Drop Curves with Optional 1" MERV 8 Filter(s) Installed - PEFY-NMSU



6. FAN CHARACTERISTIC CURVES

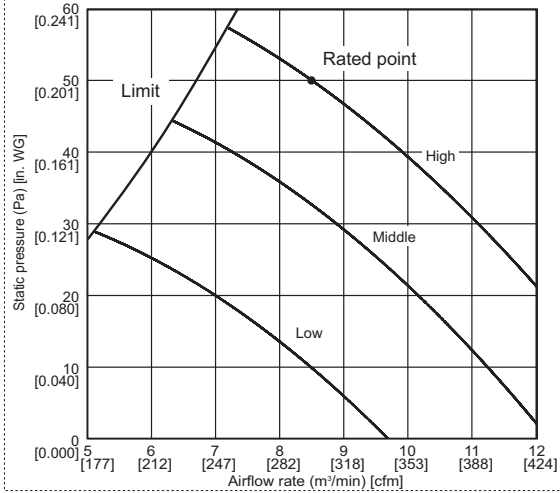
PEFY-P06,08NMAU-E

External static pressure : 35Pa [0.141in.WG]
Power source : 208-230V



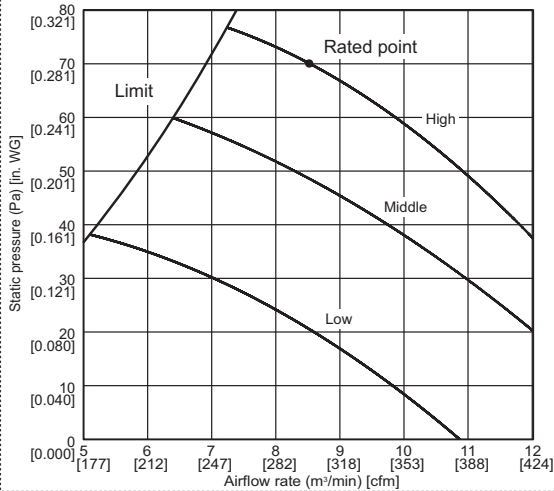
PEFY-P06,08NMAU-E

External static pressure : 50Pa [0.201in.WG]
Power source : 208-230V



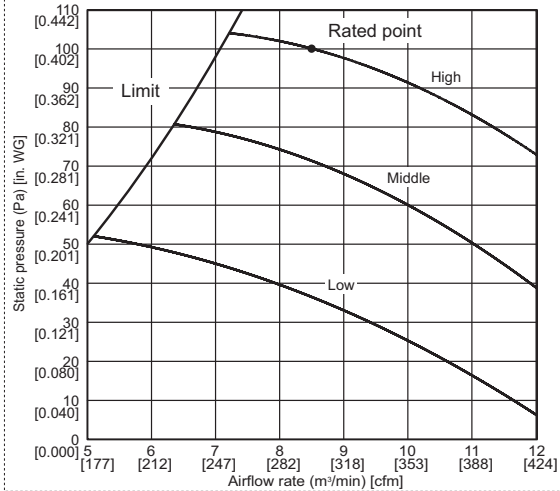
PEFY-P06,08NMAU-E

External static pressure : 70Pa [0.281in.WG]
Power source : 208-230V



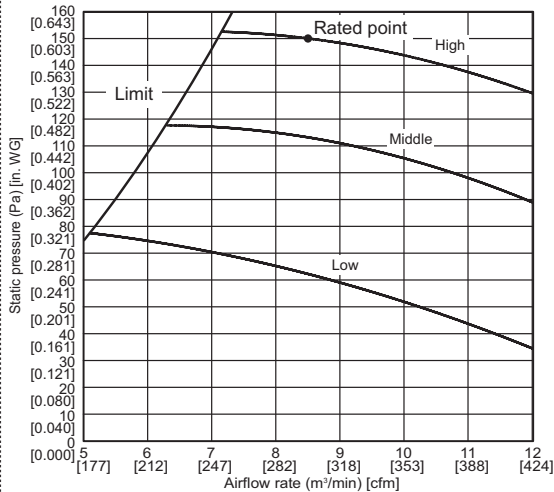
PEFY-P06,08NMAU-E

External static pressure : 100Pa [0.402in.WG]
Power source : 208-230V



PEFY-P06,08NMAU-E

External static pressure : 150Pa [0.603in.WG]
Power source : 208-230V

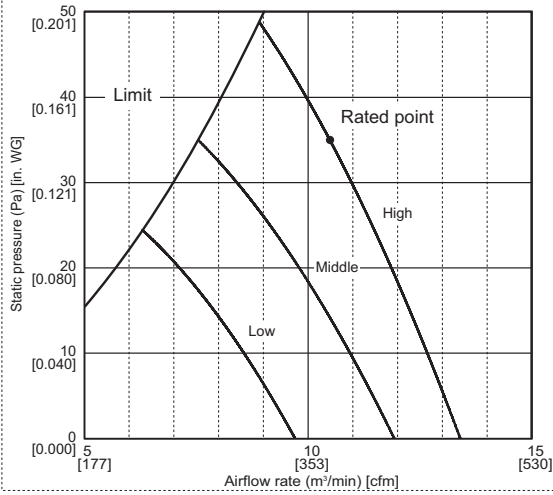


6. FAN CHARACTERISTIC CURVES

PEFY-P-NMSU-E
PEFY-P-NMAU-E
PEFY-P-NMHU-E

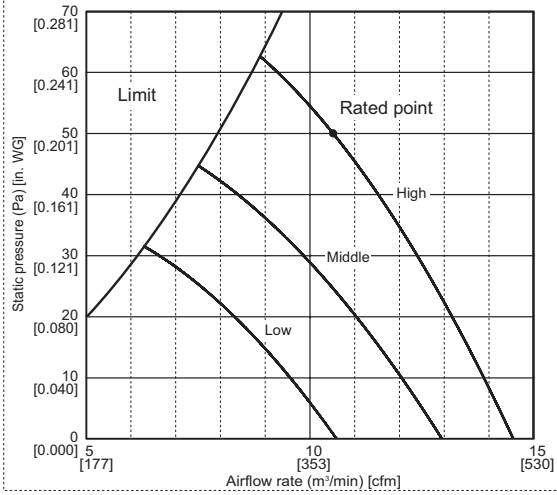
PEFY-P12NMAU-E

External static pressure : 35Pa [0.141in.WG]
Power source : 208-230V



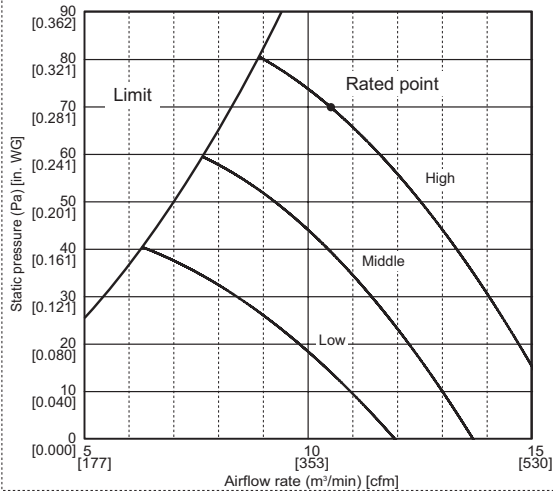
PEFY-P12NMAU-E

External static pressure : 50Pa [0.201in.WG]
Power source : 208-230V



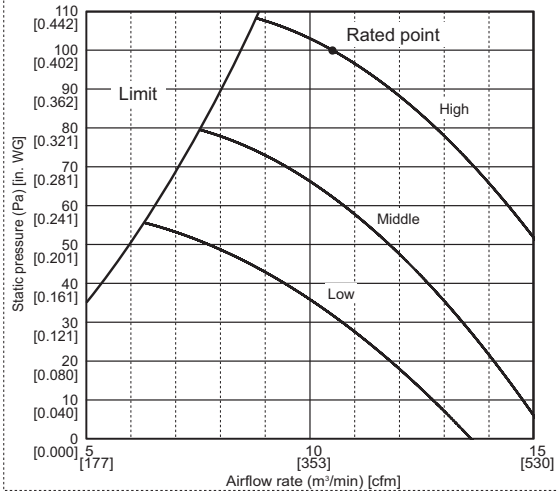
PEFY-P12NMAU-E

External static pressure : 70Pa [0.281in.WG]
Power source : 208-230V



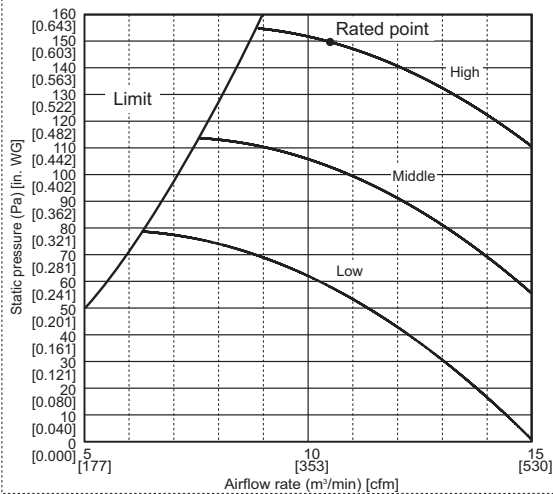
PEFY-P12NMAU-E

External static pressure : 100Pa [0.402in.WG]
Power source : 208-230V



PEFY-P12NMAU-E

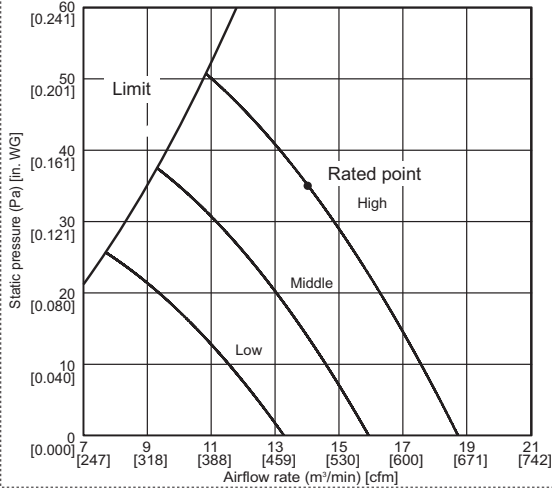
External static pressure : 150Pa [0.603in.WG]
Power source : 208-230V



6. FAN CHARACTERISTIC CURVES

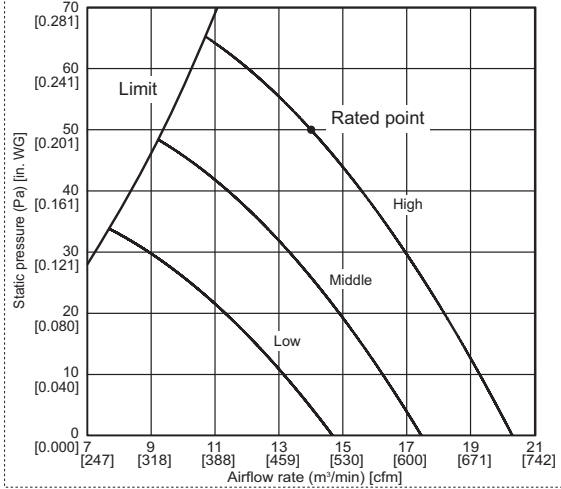
PEFY-P15NMAU-E

External static pressure : 35Pa [0.141in.WG]
Power source : 208-230V



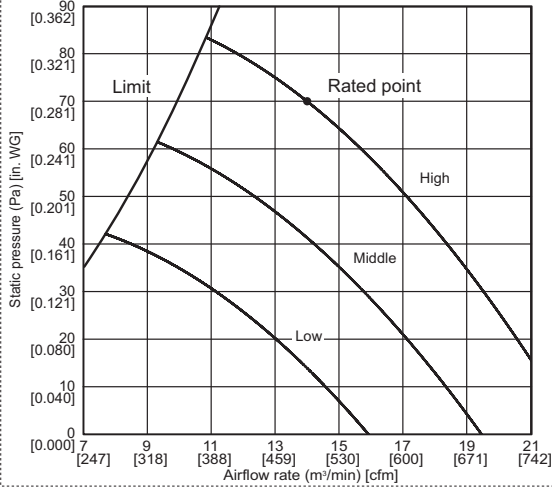
PEFY-P15NMAU-E

External static pressure : 50Pa [0.201in.WG]
Power source : 208-230V



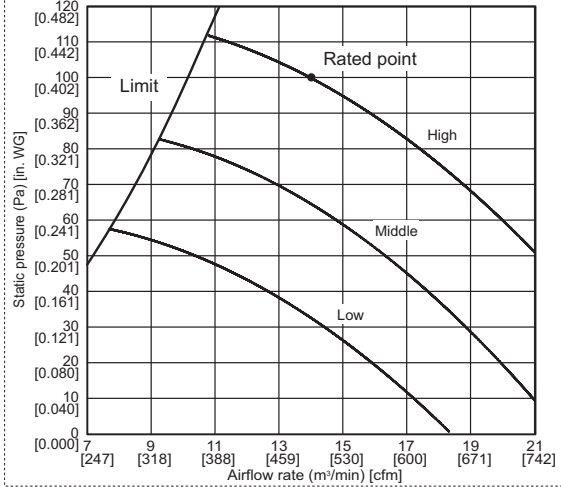
PEFY-P15NMAU-E

External static pressure : 70Pa [0.281in.WG]
Power source : 208-230V



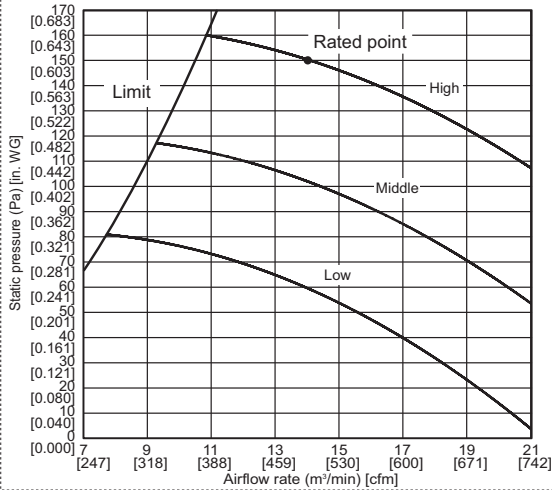
PEFY-P15NMAU-E

External static pressure : 100Pa [0.402in.WG]
Power source : 208-230V



PEFY-P15NMAU-E

External static pressure : 150Pa [0.603in.WG]
Power source : 208-230V

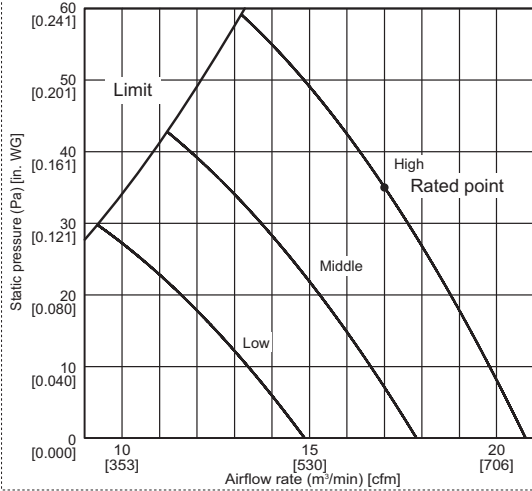


6. FAN CHARACTERISTIC CURVES

PEFY-P-NMSU-E
PEFY-P-NMAU-E
PEFY-P-NMHU-E

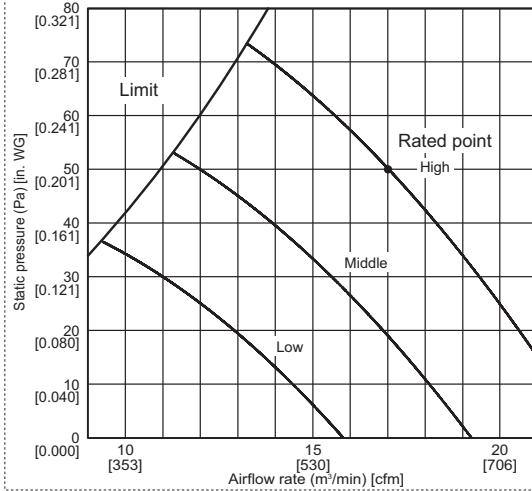
PEFY-P18NMAU-E

External static pressure : 35Pa [0.141in.WG]
Power source : 208-230V



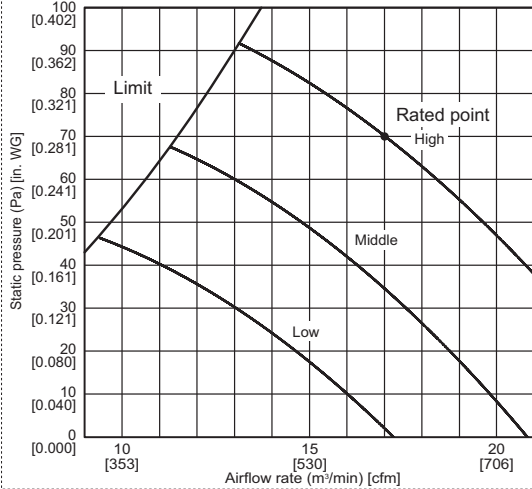
PEFY-P18NMAU-E

External static pressure : 50Pa [0.201in.WG]
Power source : 208-230V



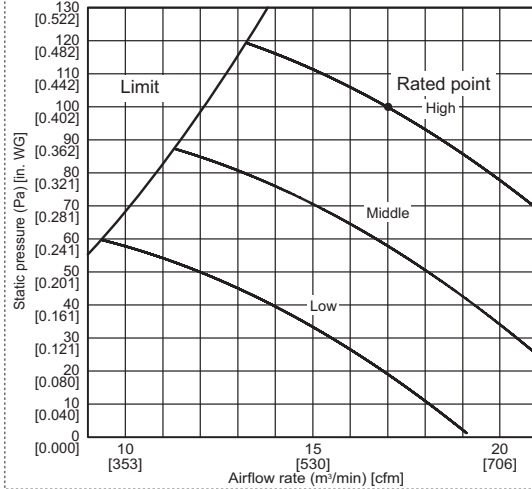
PEFY-P18NMAU-E

External static pressure : 70Pa [0.281in.WG]
Power source : 208-230V



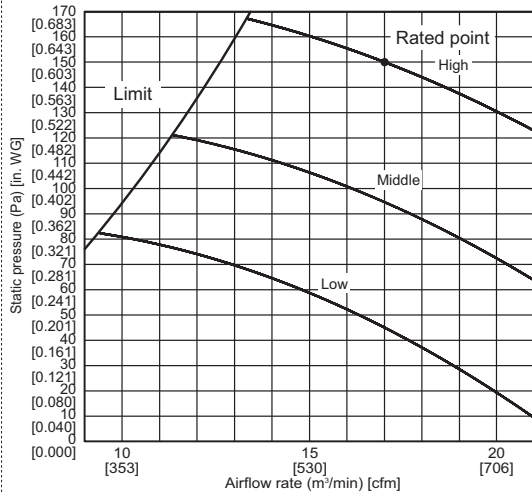
PEFY-P18NMAU-E

External static pressure : 100Pa [0.402in.WG]
Power source : 208-230V



PEFY-P18NMAU-E

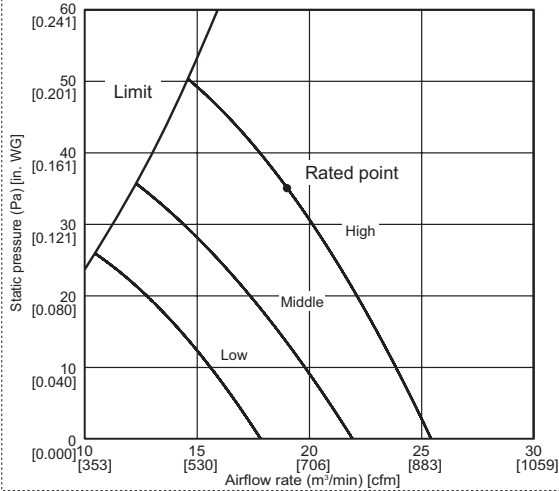
External static pressure : 150Pa [0.603in.WG]
Power source : 208-230V



6. FAN CHARACTERISTIC CURVES

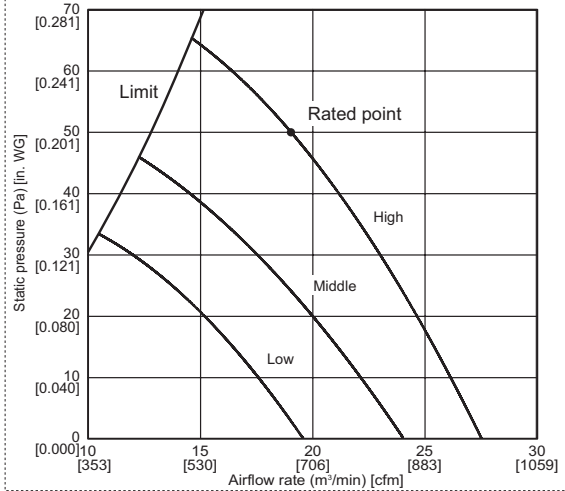
PEFY-P24NMAU-E

External static pressure : 35Pa [0.141in.WG]
Power source : 208-230V



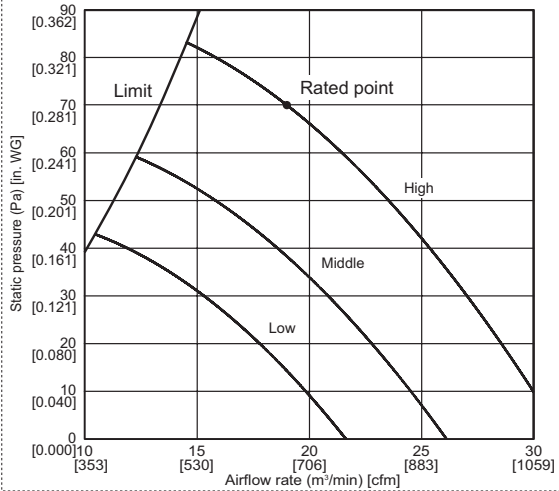
PEFY-P24NMAU-E

External static pressure : 50Pa [0.201in.WG]
Power source : 208-230V



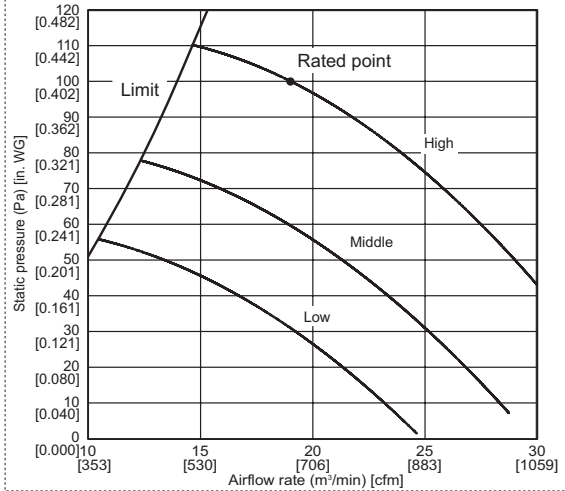
PEFY-P24NMAU-E

External static pressure : 70Pa [0.281in.WG]
Power source : 208-230V



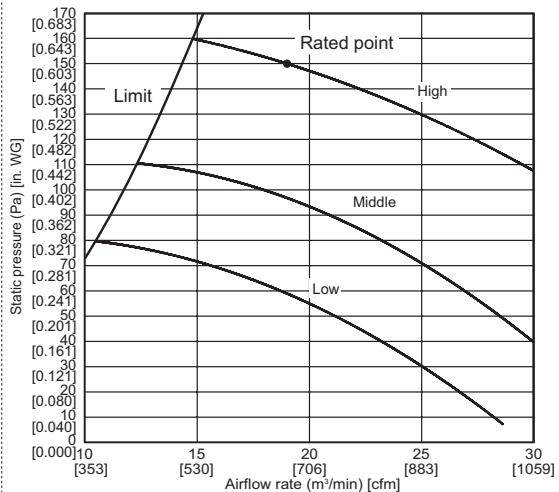
PEFY-P24NMAU-E

External static pressure : 100Pa [0.402in.WG]
Power source : 208-230V



PEFY-P24NMAU-E

External static pressure : 150Pa [0.603in.WG]
Power source : 208-230V

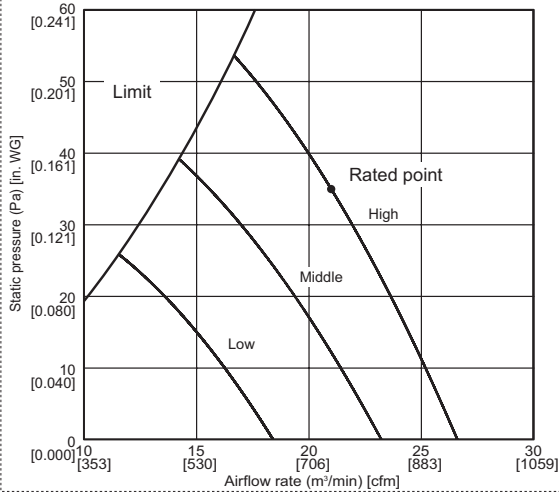


6. FAN CHARACTERISTIC CURVES

PEFY-P-NMSU-E
PEFY-P-NMAU-E
PEFY-P-NMHU-E

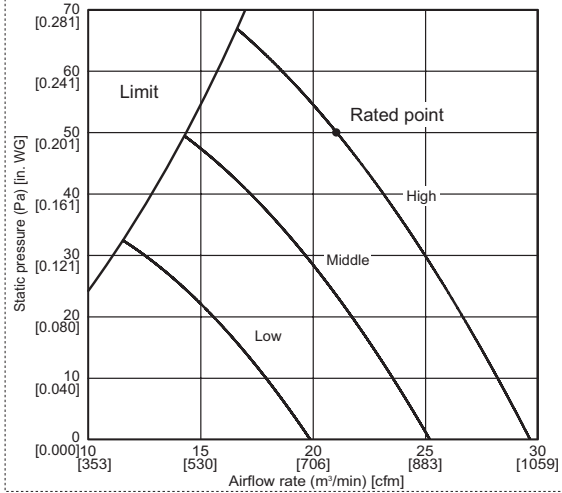
PEFY-P27,30NMAU-E

External static pressure : 35Pa [0.141in.WG]
Power source : 208-230V



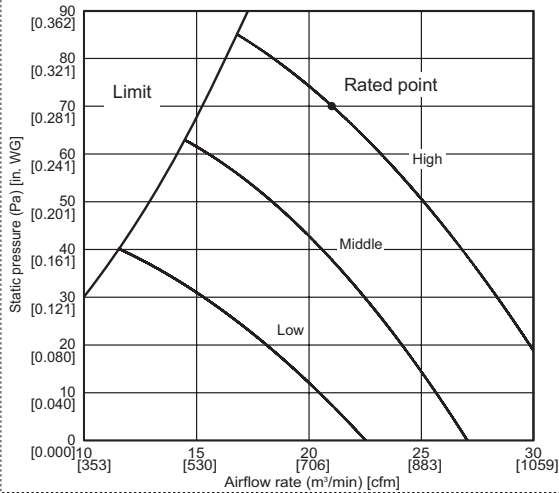
PEFY-P27,30NMAU-E

External static pressure : 50Pa [0.201in.WG]
Power source : 208-230V



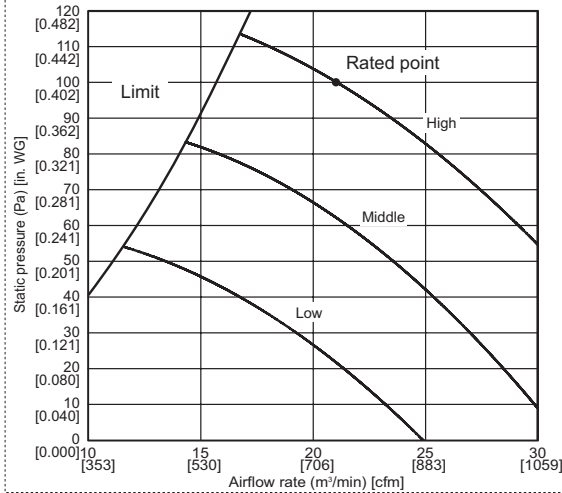
PEFY-P27,30NMAU-E

External static pressure : 70Pa [0.281in.WG]
Power source : 208-230V



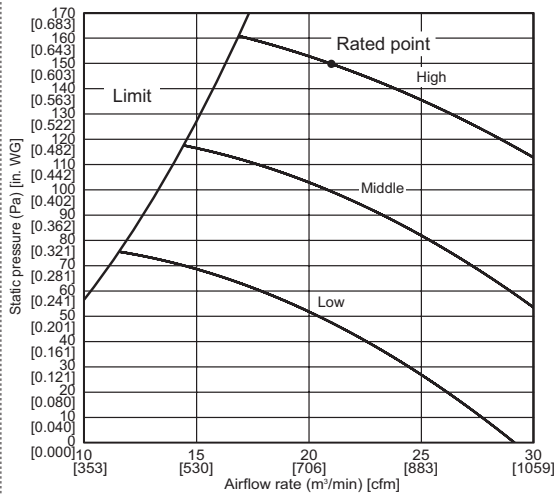
PEFY-P27,30NMAU-E

External static pressure : 100Pa [0.402in.WG]
Power source : 208-230V



PEFY-P27,30NMAU-E

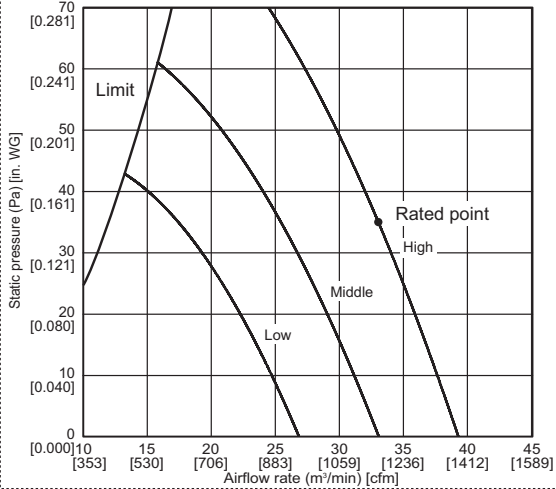
External static pressure : 150Pa [0.603in.WG]
Power source : 208-230V



6. FAN CHARACTERISTIC CURVES

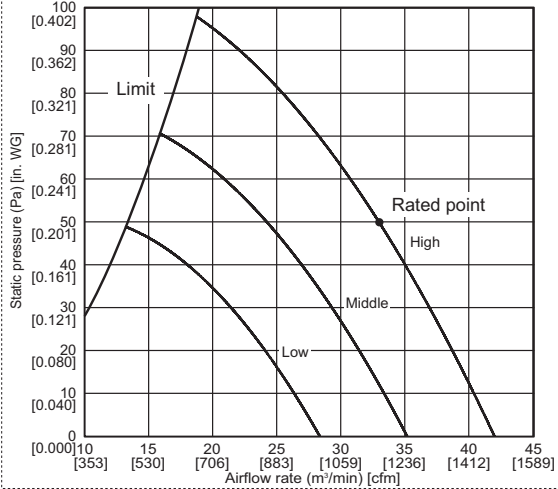
PEFY-P36NMAU-E

External static pressure : 35Pa [0.141in.WG]
Power source : 208-230V



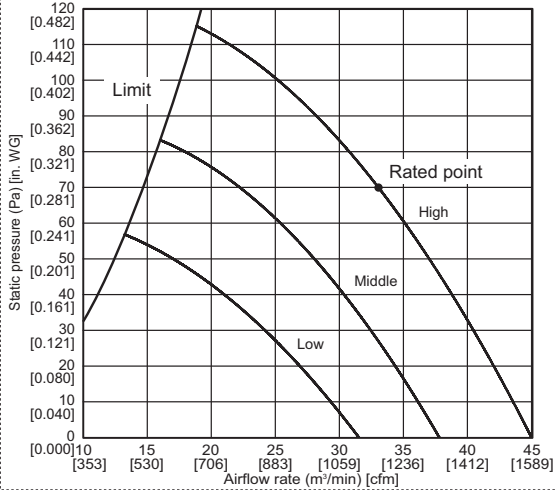
PEFY-P36NMAU-E

External static pressure : 50Pa [0.201in.WG]
Power source : 208-230V



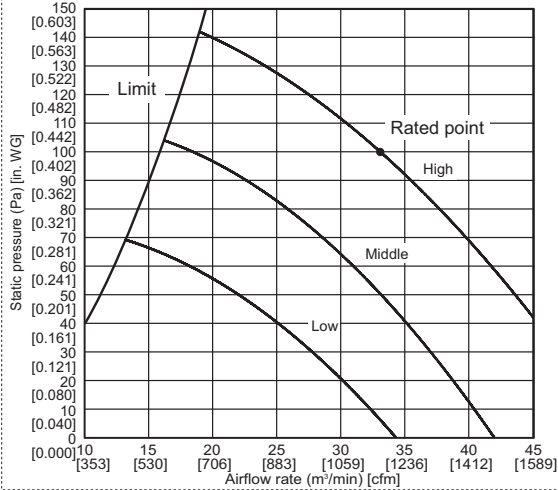
PEFY-P36NMAU-E

External static pressure : 70Pa [0.281in.WG]
Power source : 208-230V



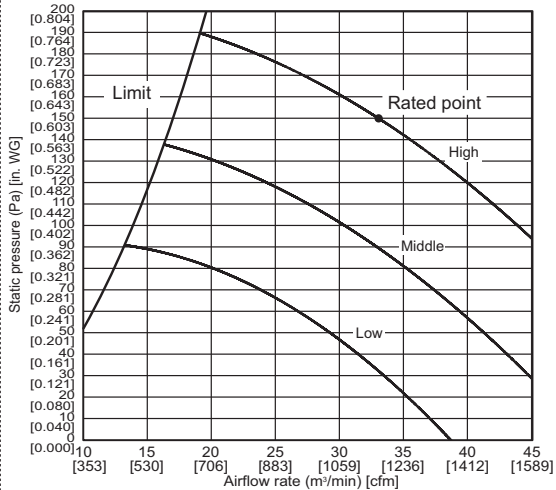
PEFY-P36NMAU-E

External static pressure : 100Pa [0.402in.WG]
Power source : 208-230V



PEFY-P36NMAU-E

External static pressure : 150Pa [0.603in.WG]
Power source : 208-230V

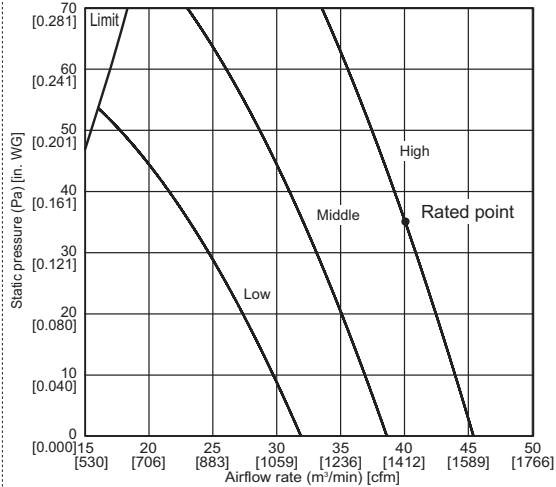


6. FAN CHARACTERISTIC CURVES

PEFY-P-NMSU-E
PEFY-P-NMAU-E
PEFY-P-NMHU-E

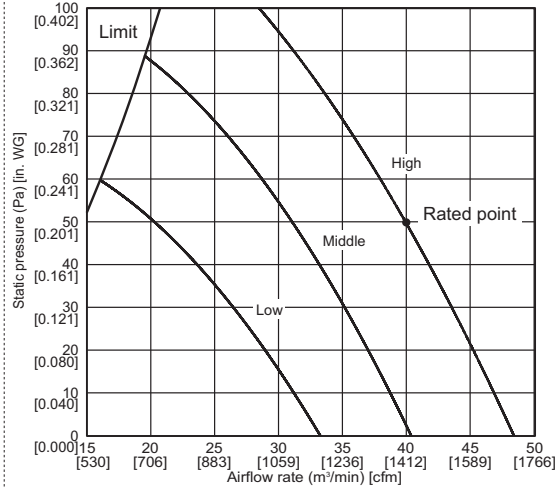
PEFY-P48NMAU-E

External static pressure : 35Pa [0.141in.WG]
Power source : 208-230V



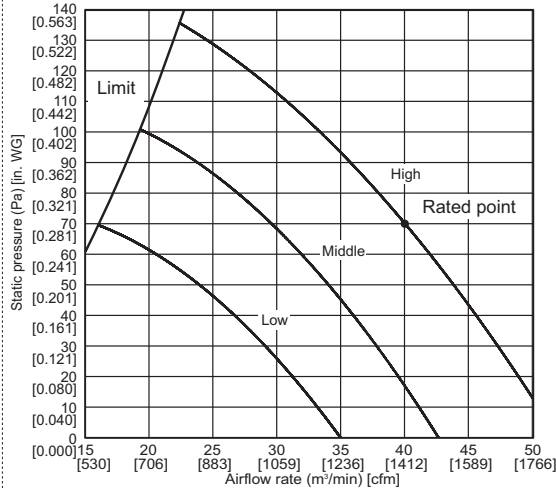
PEFY-P48NMAU-E

External static pressure : 50Pa [0.201in.WG]
Power source : 208-230V



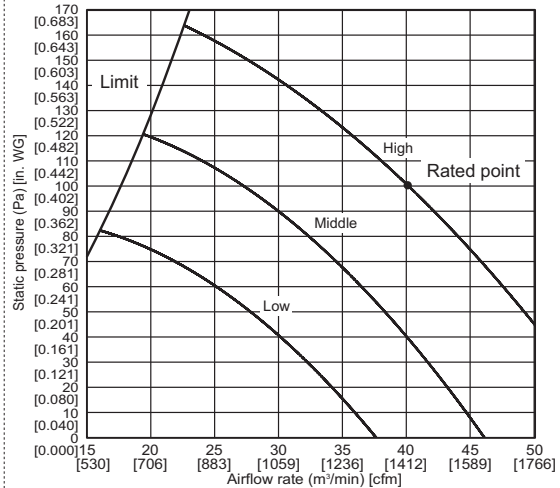
PEFY-P48NMAU-E

External static pressure : 70Pa [0.281in.WG]
Power source : 208-230V



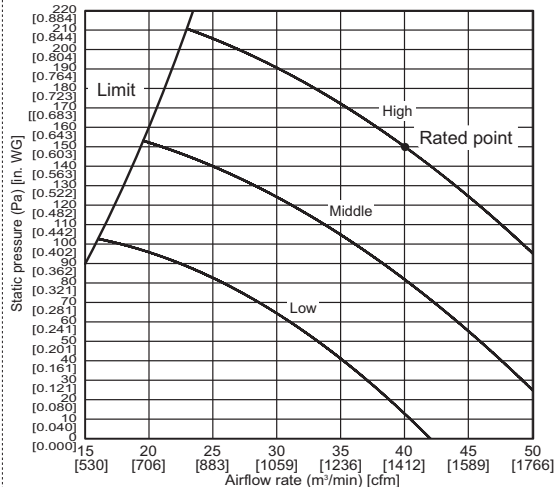
PEFY-P48NMAU-E

External static pressure : 100Pa [0.402in.WG]
Power source : 208-230V



PEFY-P48NMAU-E

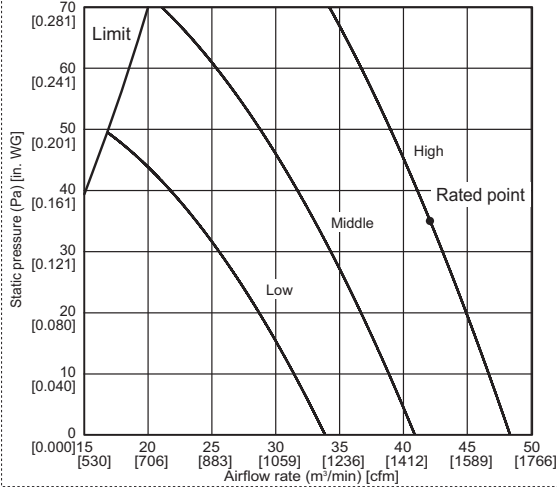
External static pressure : 150Pa [0.603in.WG]
Power source : 208-230V



6. FAN CHARACTERISTIC CURVES

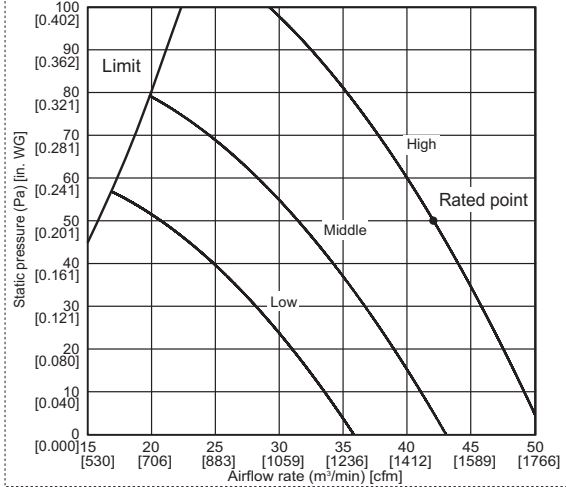
PEFY-P54NMAU-E

External static pressure : 35Pa [0.141in.WG]
Power source : 208-230V



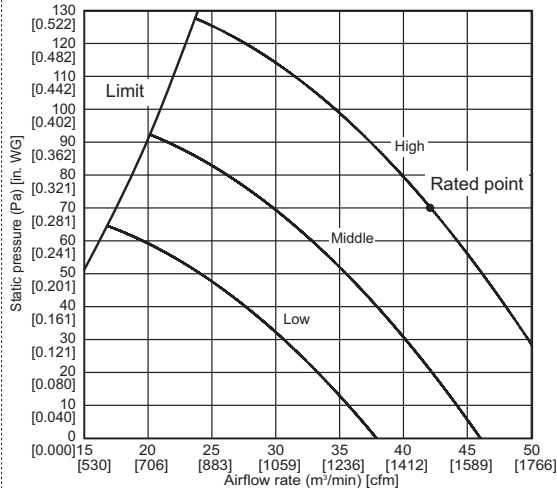
PEFY-P54NMAU-E

External static pressure : 50Pa [0.201in.WG]
Power source : 208-230V



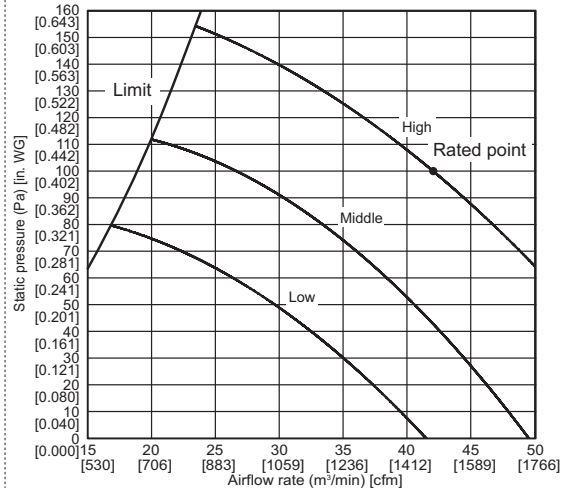
PEFY-P54NMAU-E

External static pressure : 70Pa [0.281in.WG]
Power source : 208-230V



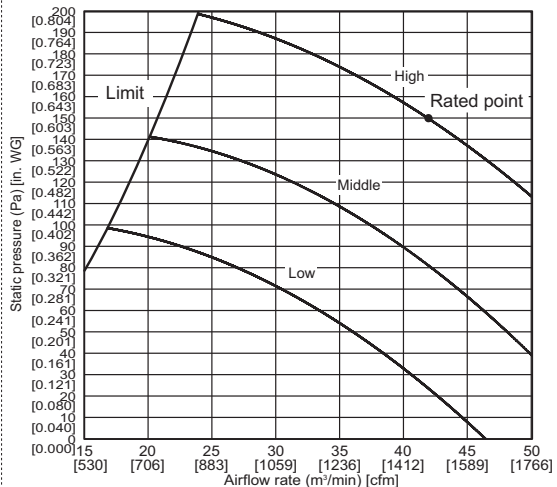
PEFY-P54NMAU-E

External static pressure : 100Pa [0.402in.WG]
Power source : 208-230V



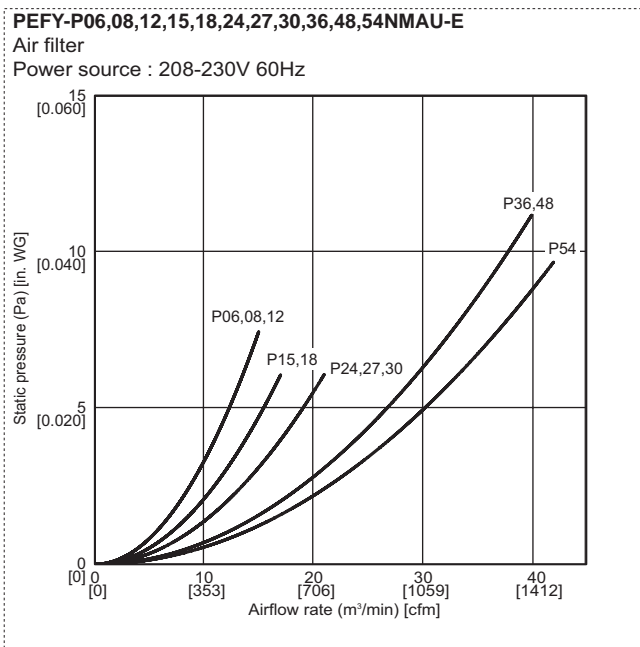
PEFY-P54NMAU-E

External static pressure : 150Pa [0.603in.WG]
Power source : 208-230V



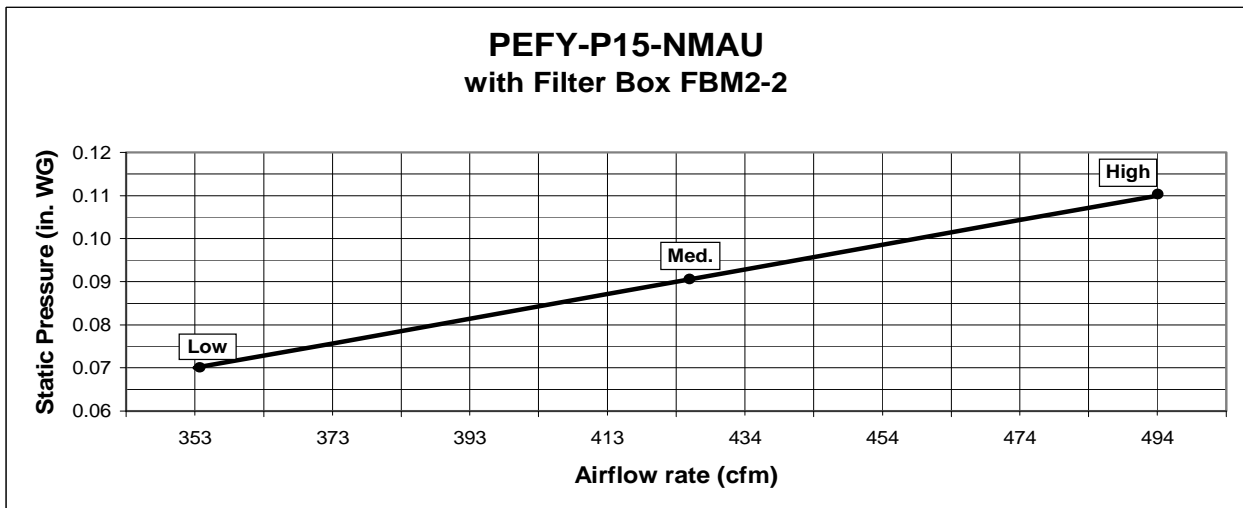
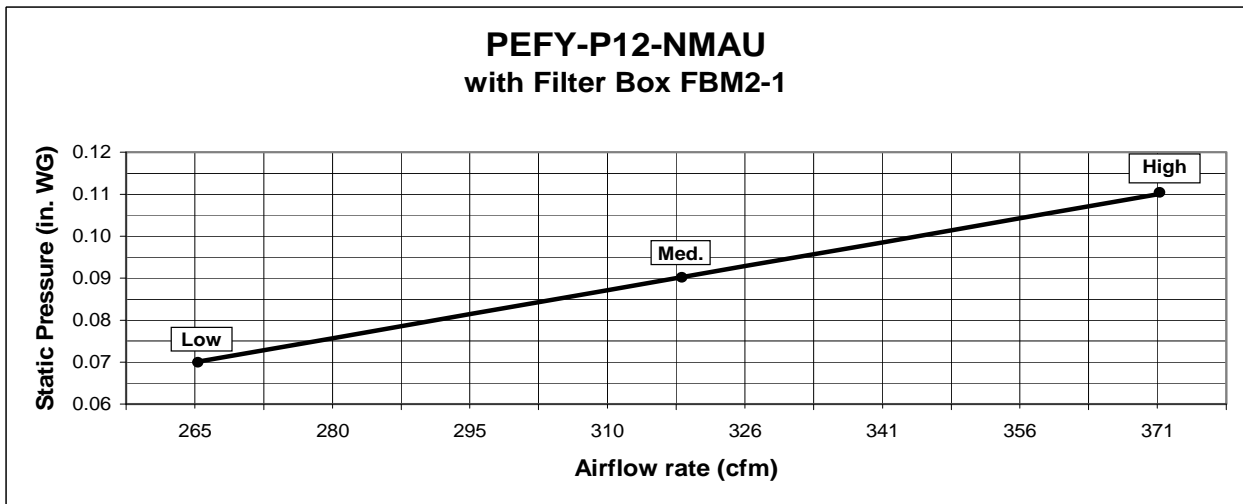
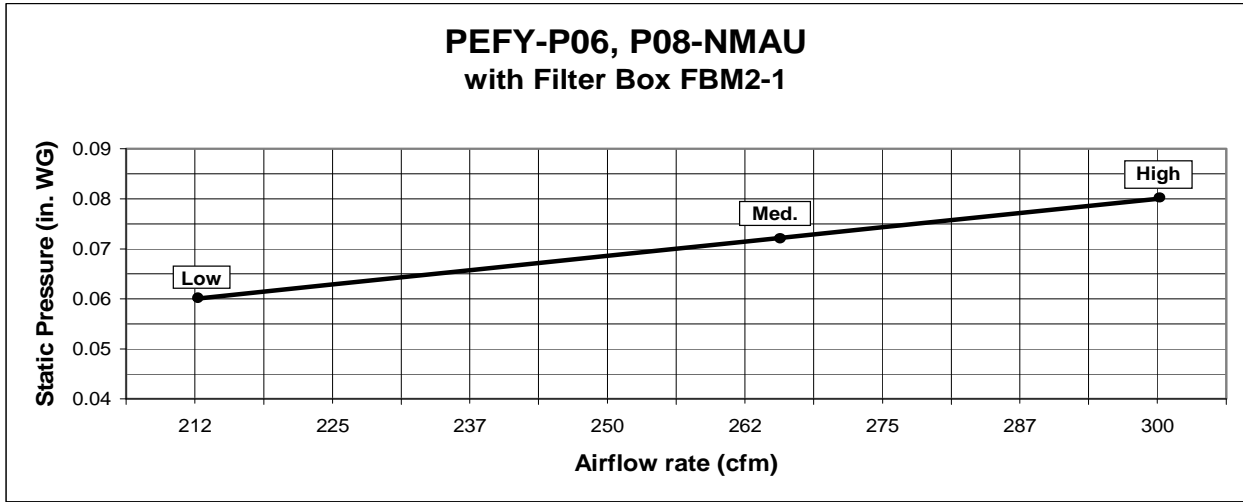
6. FAN CHARACTERISTIC CURVES

Air filter static pressure curves



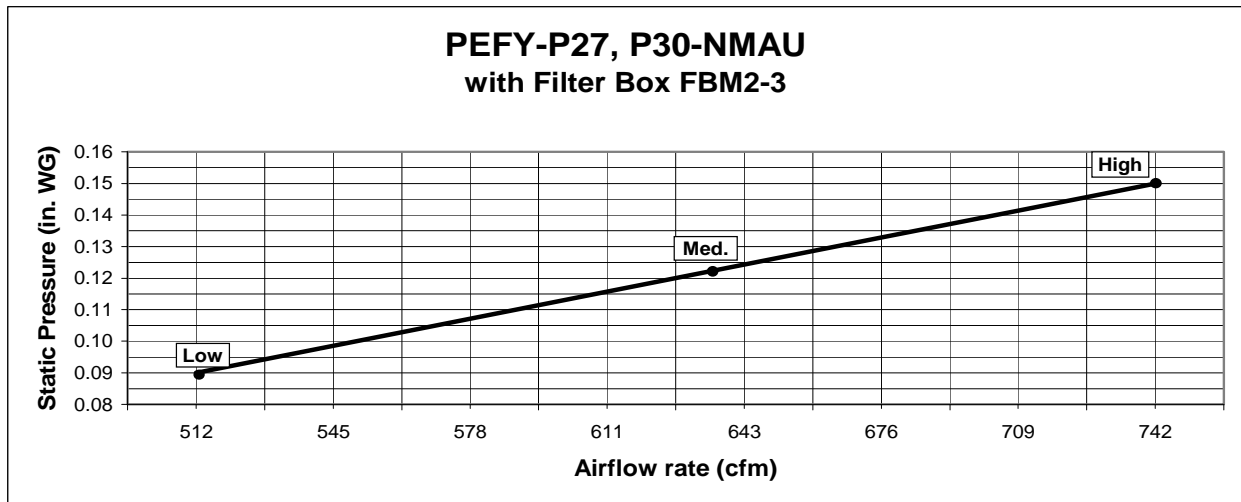
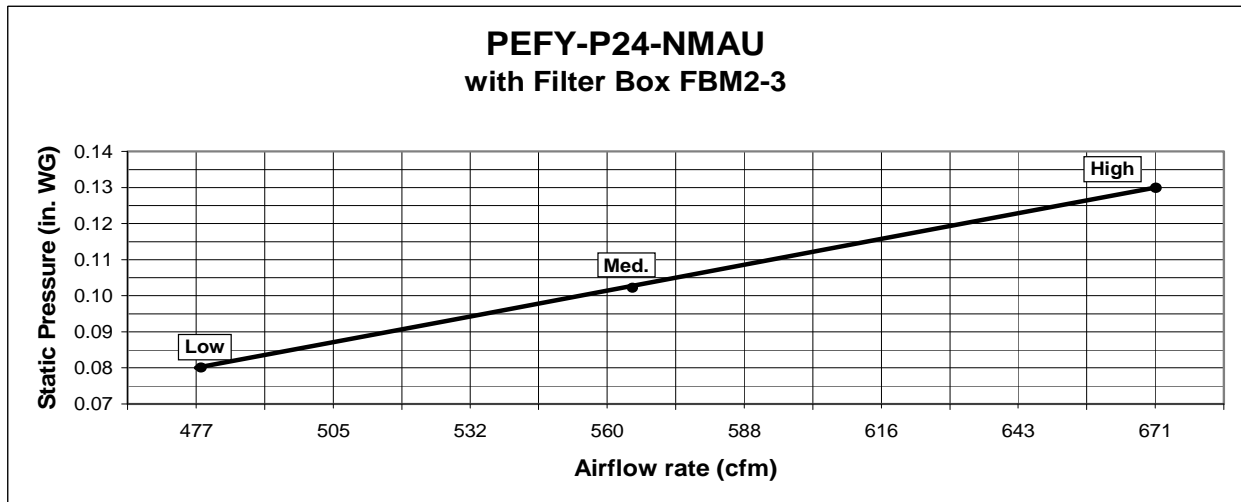
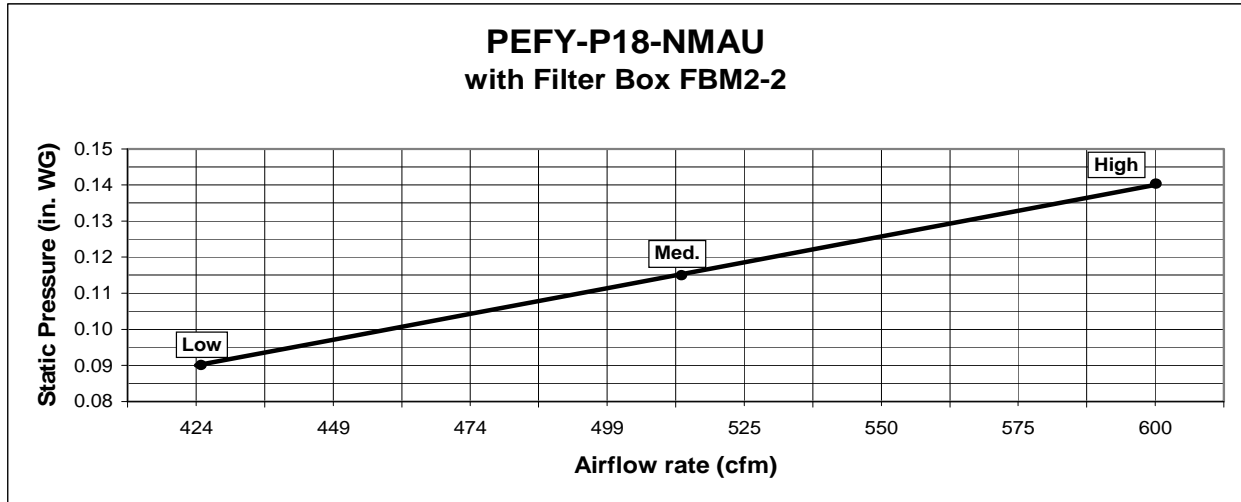
6. FAN CHARACTERISTIC CURVES

Initial Filter Pressure Drop Curves with Optional 2" MERV 13 Filter(s) Installed - PEFY-NMAU



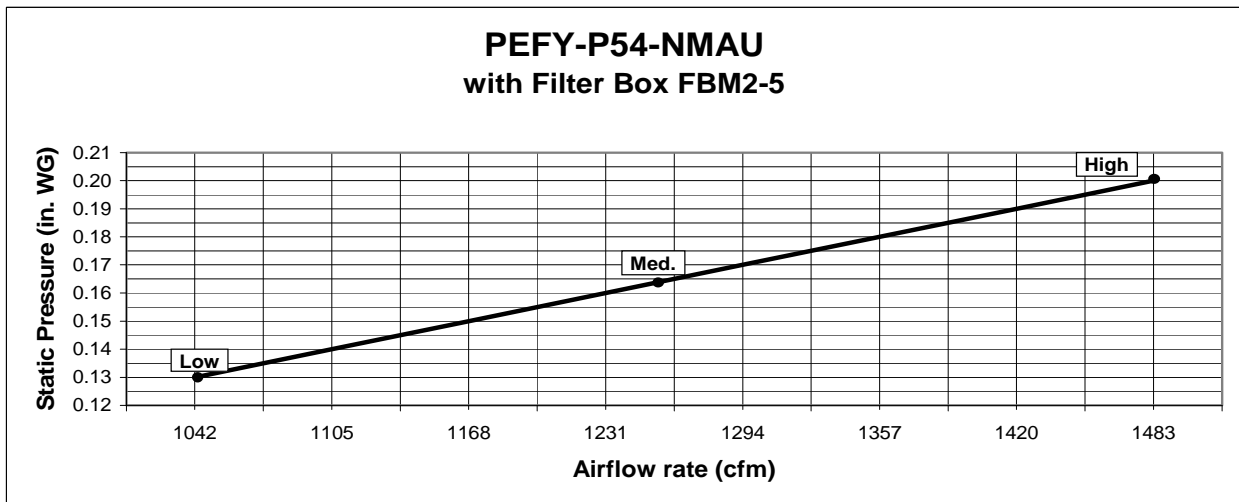
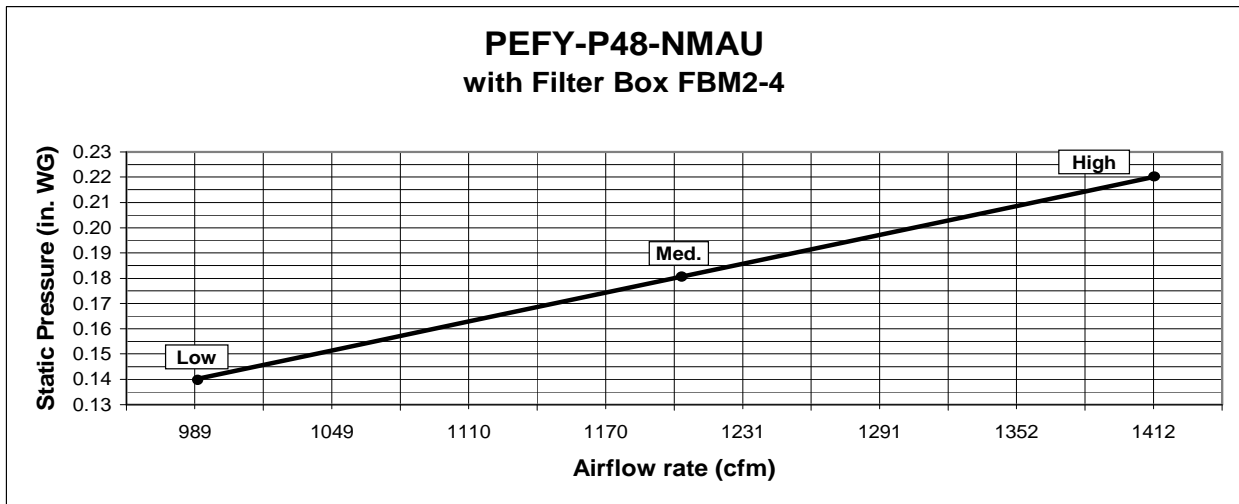
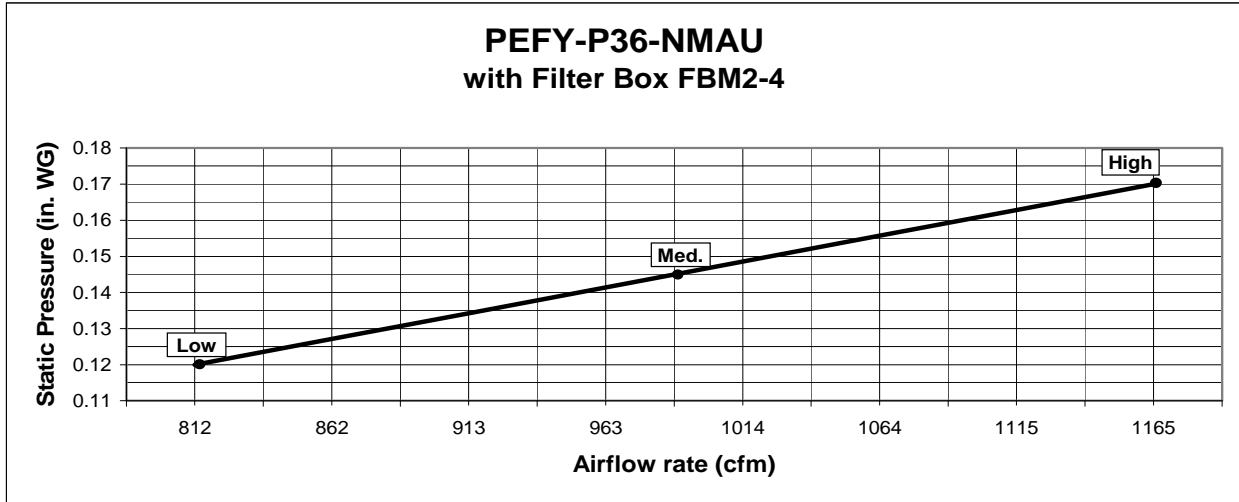
6. FAN CHARACTERISTIC CURVES

Initial Filter Pressure Drop Curves with Optional 2" MERV 13 Filter(s) Installed - PEFY-NMAU



6. FAN CHARACTERISTIC CURVES

Initial Filter Pressure Drop Curves with Optional 2" MERV 13 Filter(s) Installed - PEFY-NMAU

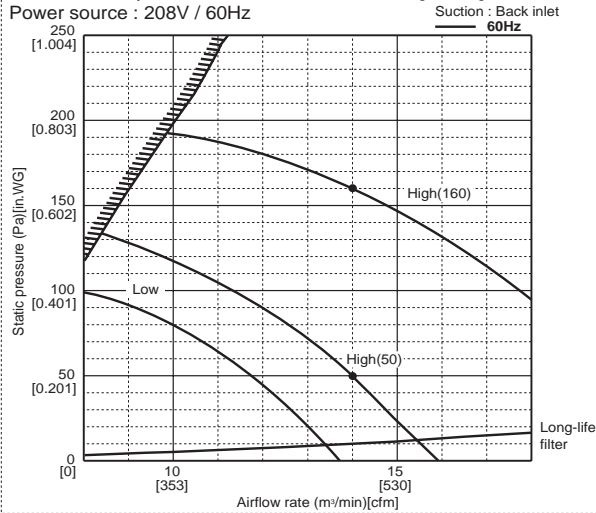


6. FAN CHARACTERISTIC CURVES

PEFY-P-NMSU-E
PEFY-P-NMAU-E
PEFY-P-NMHU-E

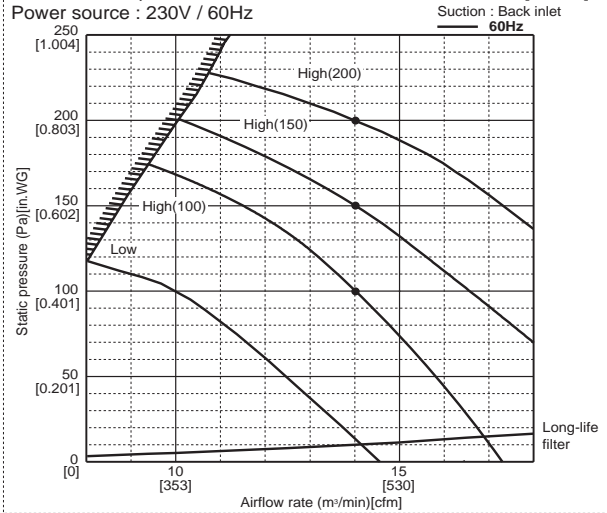
PEFY-P15,18NMHU-E

External static pressure : 50,160Pa,0.201,0.642[in.WG]
Power source : 208V / 60Hz



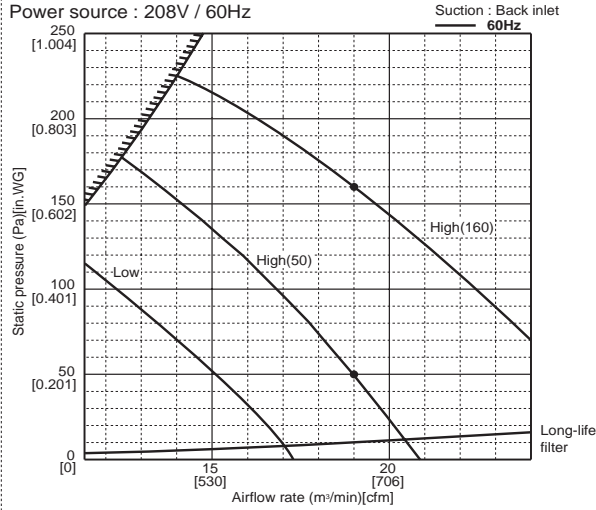
PEFY-P15,18NMHU-E

External static pressure : 100,150,200Pa,0.401,0.602,0.803[in.WG]
Power source : 230V / 60Hz



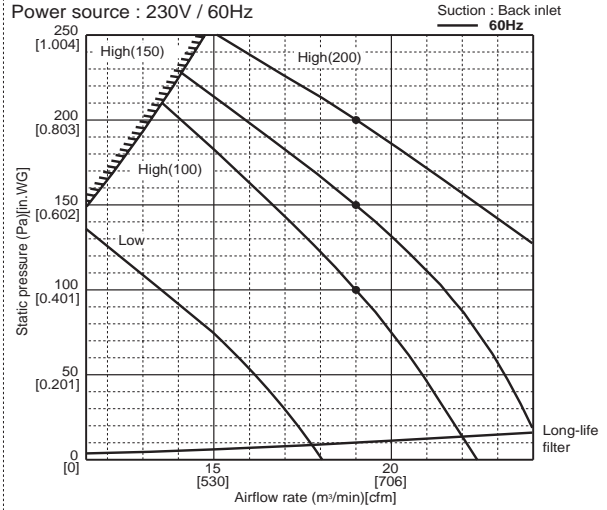
PEFY-P24NMHU-E

External static pressure : 50,160Pa,0.201,0.642[in.WG]
Power source : 208V / 60Hz



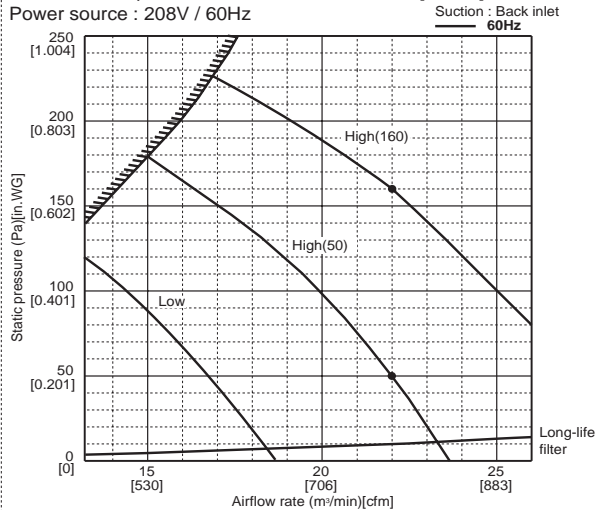
PEFY-P24NMHU-E

External static pressure : 100,150,200Pa,0.401,0.602,0.803[in.WG]
Power source : 230V / 60Hz



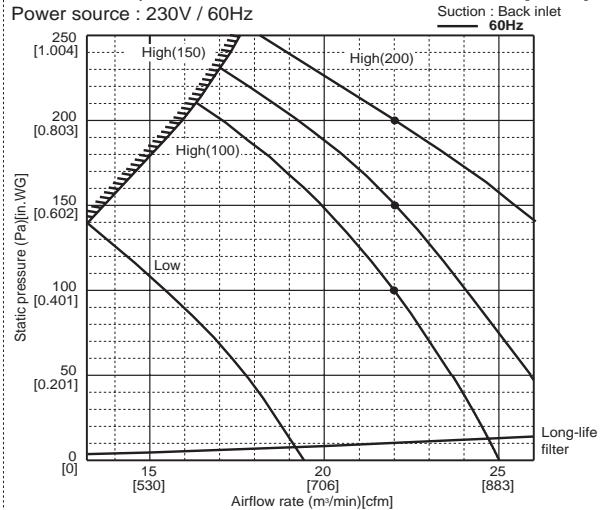
PEFY-P27NMHU-E

External static pressure : 50,160Pa,0.201,0.642[in.WG]
Power source : 208V / 60Hz



PEFY-P27NMHU-E

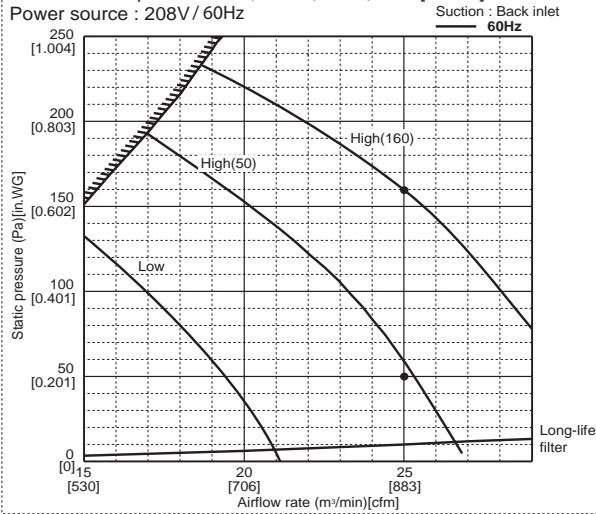
External static pressure : 100,150,200Pa,0.401,0.602,0.803[in.WG]
Power source : 230V / 60Hz



6. FAN CHARACTERISTIC CURVES

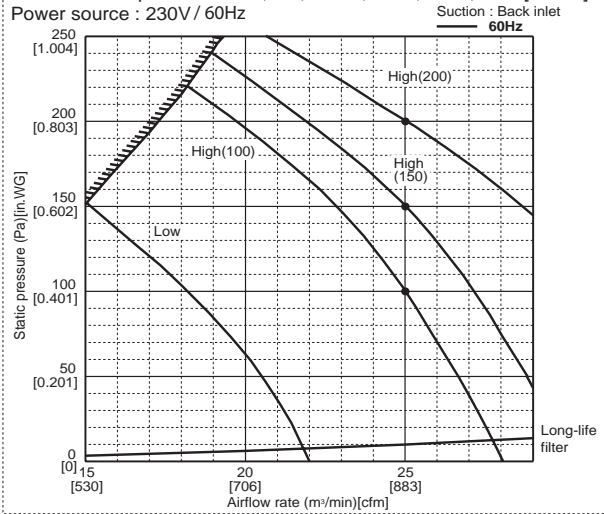
PEFY-P30NMHU-E

External static pressure : 50,160Pa,0.201,0.642[in.WG]
Power source : 208V / 60Hz



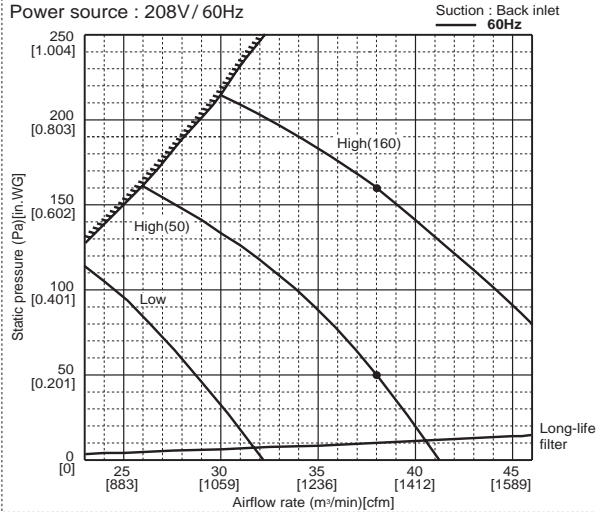
PEFY-P30NMHU-E

External static pressure : 100,150,200Pa,0.401,0.602,0.803[in.WG]
Power source : 230V / 60Hz



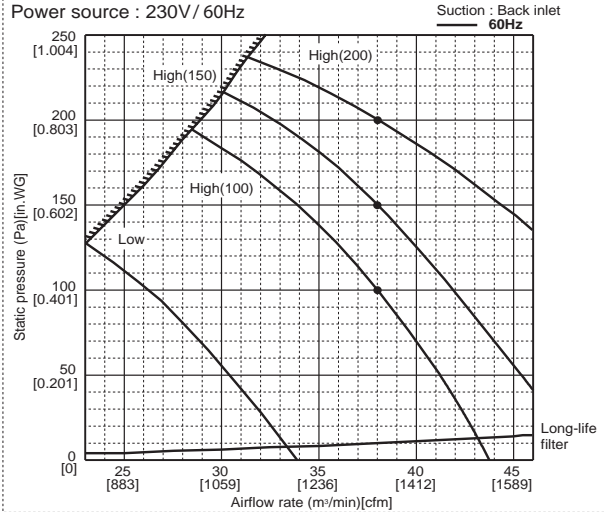
PEFY-P36,48NMHU-E

External static pressure : 50,160Pa,0.201,0.642[in.WG]
Power source : 208V / 60Hz



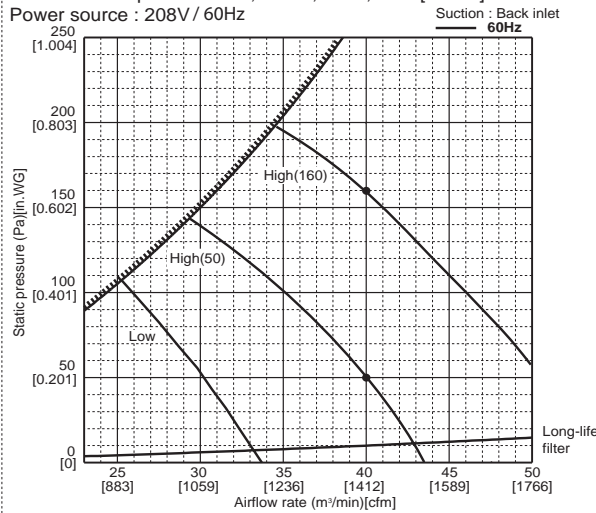
PEFY-P36,48NMHU-E

External static pressure : 100,150,200Pa,0.401,0.602,0.803[in.WG]
Power source : 230V / 60Hz



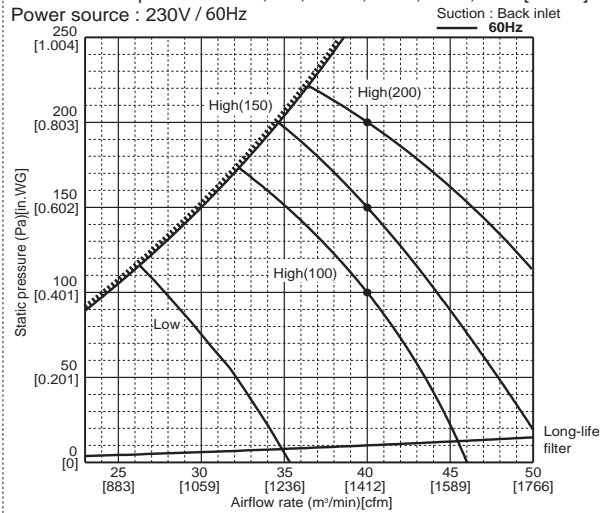
PEFY-P54NMHU-E

External static pressure : 50,160Pa,0.201,0.642[in.WG]
Power source : 208V / 60Hz



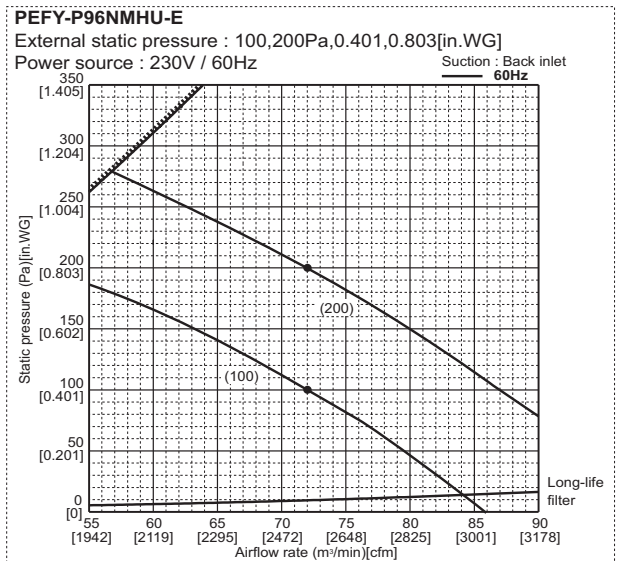
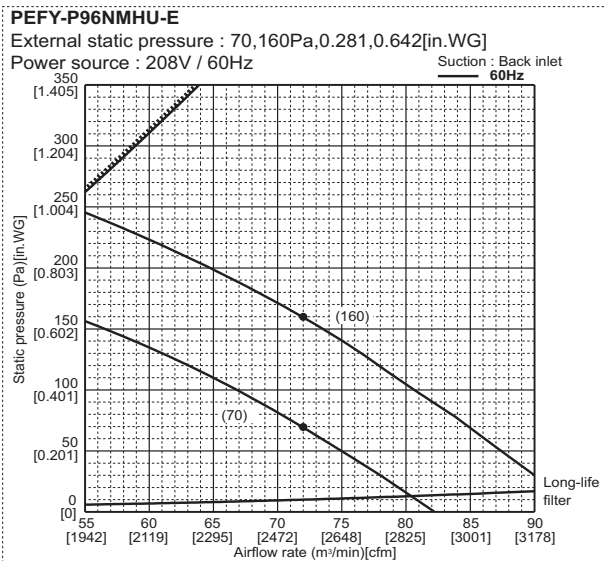
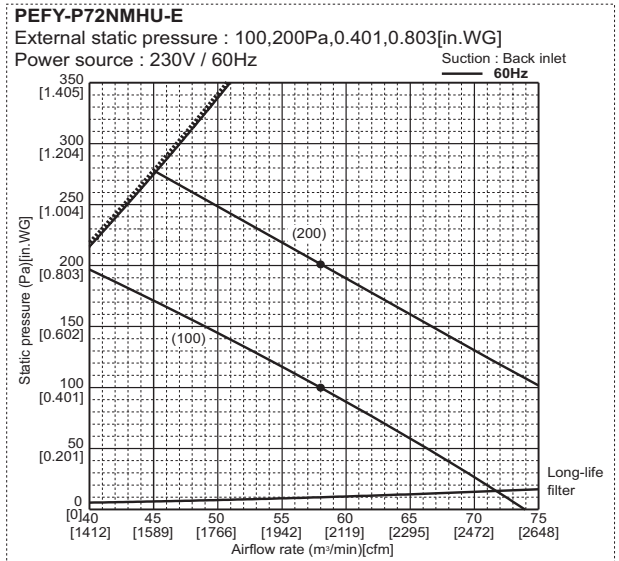
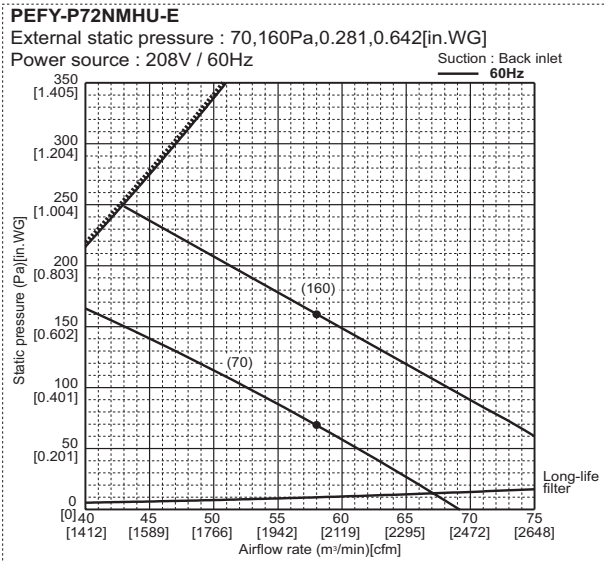
PEFY-P54NMHU-E

External static pressure : 100,150,200Pa,0.401,0.602,0.803[in.WG]
Power source : 230V / 60Hz

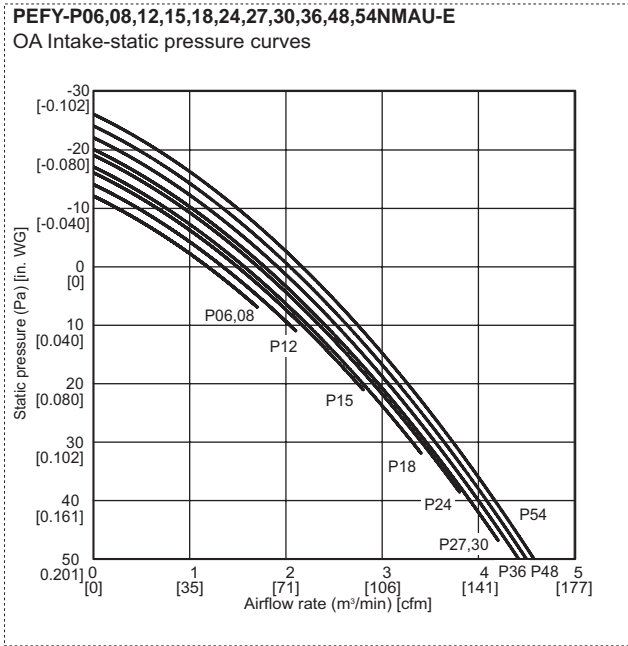


6. FAN CHARACTERISTIC CURVES

PEFY-P-NMSU-E
PEFY-P-NMAU-E
PEFY-P-NMHU-E



7. VENTILATION AIR INTAKE/STATIC PRESSURE CURVES



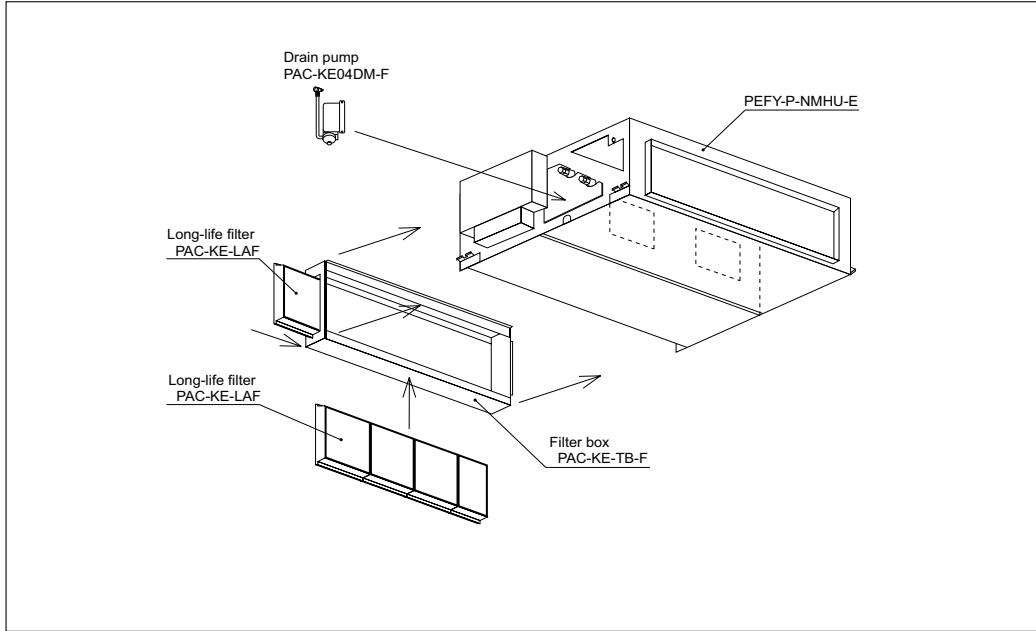
8. OPTIONAL PARTS

PEFY-P-NMSU-E
PEFY-P-NMAU-E
PEFY-P-NMHU-E

8-1. Optional parts line up for the Indoor unit

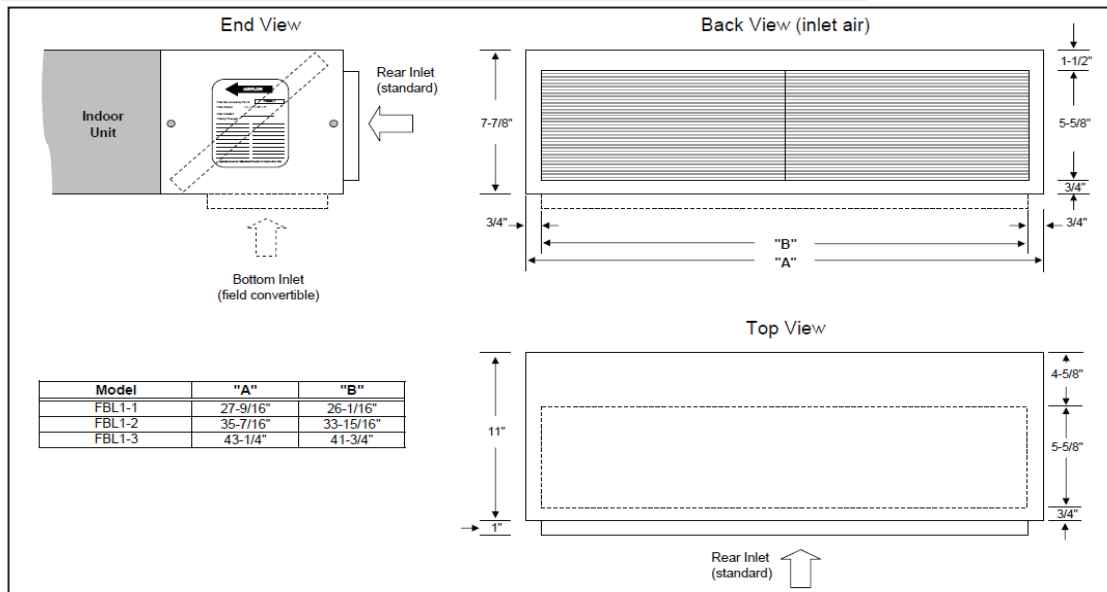
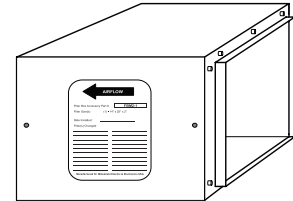
	Long-life filter	Filter box	Drain pump	External heater adaptor
PEFY-P06,08,12NMSU-E	-	FBL1-1	-	CN24RELAY-KIT-CM3
PEFY-P15,18NMSU-E	-	FBL1-2	-	CN24RELAY-KIT-CM3
PEFY-P24NMSU-E	-	FBL1-3	-	CN24RELAY-KIT-CM3
PEFY-P06,08,12NMAU-E	-	FBM2-1	-	CN24RELAY-KIT-CM3
PEFY-P15,18NMAU-E	-	FBM2-2	-	CN24RELAY-KIT-CM3
PEFY-P24,27,30NMAU-E	-	FBM2-3	-	CN24RELAY-KIT-CM3
PEFY-P36,48NMAU-E	-	FBM2-4	-	CN24RELAY-KIT-CM3
PEFY-P54NMAU-E	-	FBM2-5	-	CN24RELAY-KIT-CM3
PEFY-P15,18,24NMHU-E	PAC-KE86LAF	PAC-KE63TB-F	PAC-KE04DM-F	CN24RELAY-KIT-CM3
PEFY-P27,30NMHU-E	PAC-KE88LAF	PAC-KE80TB-F	PAC-KE04DM-F	CN24RELAY-KIT-CM3
PEFY-P36,48,54NMHU-E	PAC-KE89LAF	PAC-KE140TB-F	PAC-KE04DM-F	CN24RELAY-KIT-CM3
PEFY-P72,96NMHU-E	PAC-KE85LAF	PAC-KE250TB-F	PAC-KE04DM-F	CN24RELAY-KIT-CM3

PEFY-P-NMHU-E



8-2. FBL1-Series MERV 8 Filter Boxes for PEFY-P-NMSU-E

Part No.	Used on CITY MULTI Models	Filters Included	Ship Weight (lbs.)	Net Weight (lbs.)
FBL1-1	PEFY-P06,P08,P12-NMSU-E	(1) - 12" x 25" x 1"	15	12
FBL1-2	PEFY-P15,P18-NMSU-E	(1) - 12" x 20" x 1" (1) - 12" x 14" x 1"	18	15
FBL1-3	PEFY-P24-NMSU-E	(2) - 12" x 20" x 1"	21	18

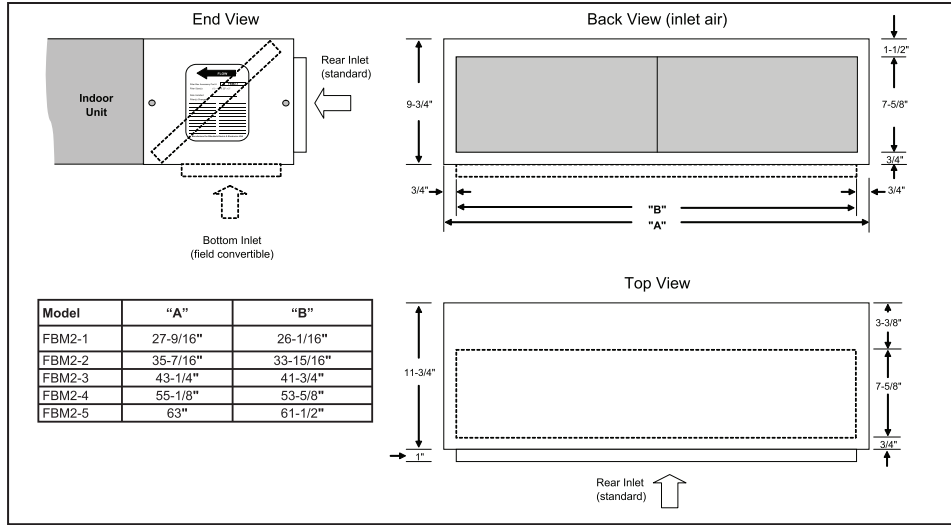
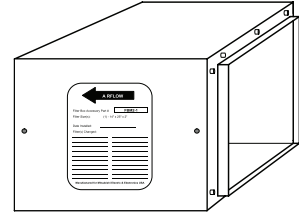


8. OPTIONAL PARTS

8-3. FBM2-Series MERV 13 Filter Boxes for PEFY-P-NMAU-E

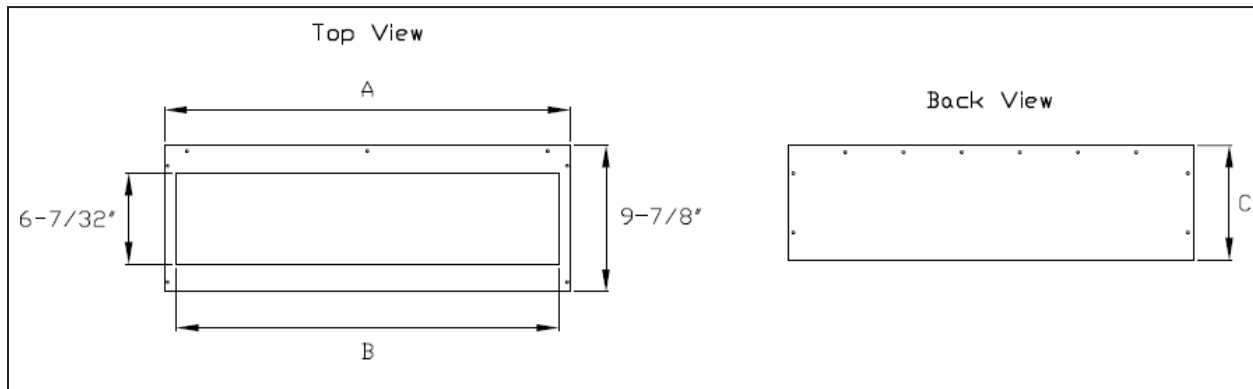
Meet LEED requirement of MERV 13

Part No.	Used on CITY MULTI Models	Filters Included	Ship Weight (lbs.)	Net Weight (lbs.)
FBM2-1	PEFY-P06, P08, P12-NMAU-E	(1) - 14" x 25" x 2"	22	20
FBM2-2	PEFY-P15, P18-NMAU-E	(1) - 14" x 20" x 2", (1) - 14" x 14" x 2"	28	26
FBM2-3	PEFY-P24, P27, P30-NMAU-E	(2) - 14" x 20" x 2"	35	32
FBM2-4	PEFY-P36, P48-NMAU-E	(2) - 14" x 20" x 2", (1) - 14" x 14" x 2"	44	41
FBM2-5	PEFY-P54-NMAU-E	(3) - 14" x 20" x 2"	50	46



8-4. BRP-Series Bottom Return Plate for PEFY-P-NMAU-E

Used to convert PEFY-NMSU indoor units from a rear return (as supplied) to a bottom return



Return Plate Model	Used with	L-shape Plate Dimensions		
		A	B	C
BRP-1	PEFY-P06,P08,P12NMSU-E	27-9/16"	26"	7-7/8"
BRP-2	PEFY-P15, P18NMSU-E	35-7/16"	33-7/8"	7-7/8"
BRP-3	PEFY-P24-NMSU-E	43-5/16"	41-3/4"	7-7/8"

8. OPTIONAL PARTS

8-5. Long-life Filter PAC-KE-LAF; Filter Box PAC-KE-TB-F for PEFY-P-NMHU

Life span: 2,500 hr




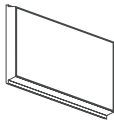
*. The actual dust situation affects the filter life span, which should be considered at the applying site.

Material: Synthetic fiber unwoven cloth filter

For information regarding static pressure loss, see subsection 6. Fan Characteristic Curves.


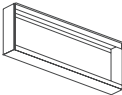
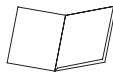
Long-life filter should be used together with filter box PAC-KE-TB-F.

PAC-KE-LAF

Item	PAC-KE86LAF	PAC-KE88LAF	PAC-KE89LAF	PAC-KE85LAF
Quantity	2	3	3	2
Shape	(298X300) 	(298X300) 	(298X300) 	(411X600) 

Detailed installation information should be referred to its Installation Manual (WT02574X04)

PAC-KE-TB-F

Item	① Screw	② Filter box	③ Installation manual	
Quantity	10/12*	1	1	
Shape				*PAC-KE250TB has 12 pieces of screw.

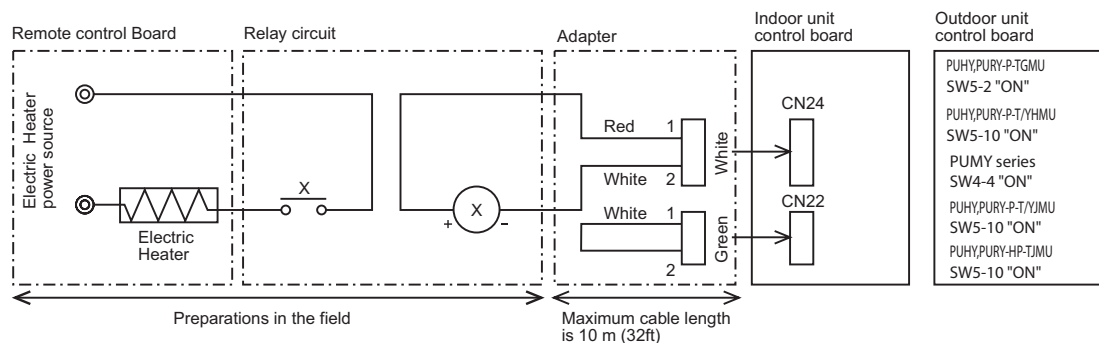
Detailed installation information should be referred to its Installation Manual (WT03018X02, WT03019X02)

8-6. External Heater Adapter CN24RELAY-KIT-CM3 for PEFY-P-NMHU/NMAU

External heater adaptor CN24RELAY-KIT-CM3 is a set of special wiring parts for controlling the electric heater* with the air conditioner system.

*The electric heater should be designed and prepared at the site.

A basic connection method is shown as follows:(For details, refer to its Installation Manual.)



For relay X use the specifications given below Operation coil

Rated voltage : 12VDC

Power consumption : 0.9W or less

The length of the electrical wiring for the CN24RELAY-KIT-CM3 is 2 meters (6-1/2 ft)

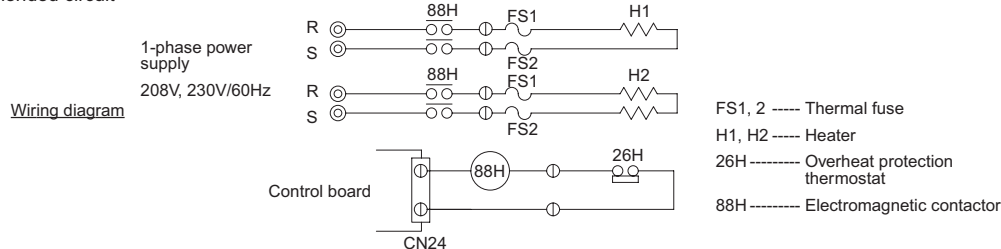
To extend this length, use sheathed 2-core cable.

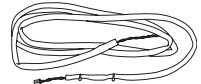

Control cable type : CVV, CVS, CPEV or equivalent.

Cable size : 0.5 mm² ~ 1.25 mm² (16 to 22 AWG)

Don't extend the cable more than 10 meters (32ft)

Recommended circuit



Item	① External output cable	② Fan speed setting cable with resistance	
Quantity	2	2	
Shape			

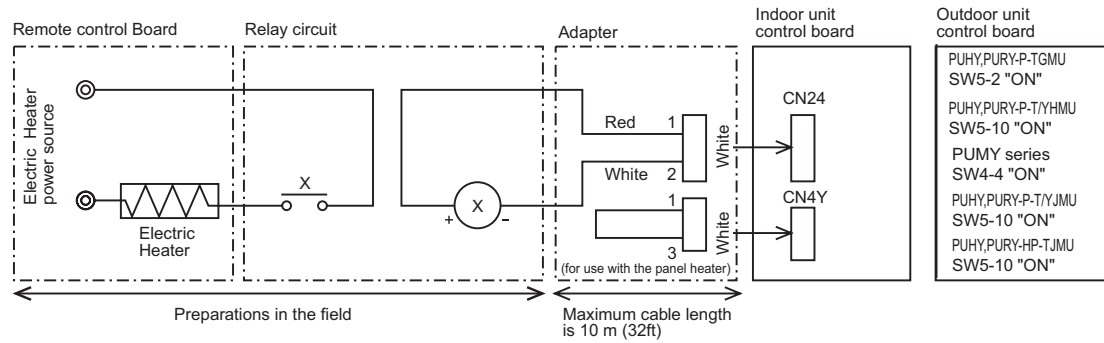
Refer to the Installation Manual for wiring and installation details.

8. OPTIONAL PARTS

8-7. External Heater Adapter CN24RELAY-KIT-CM3 for PEFY-P-NMSU-E

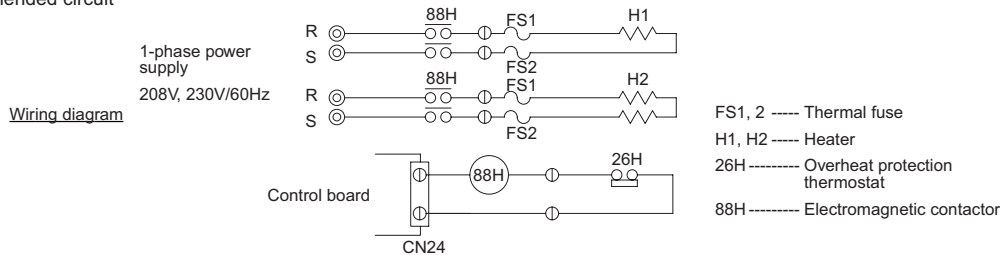
External heater adaptor CN24RELAY-KIT-CM3 is a set of special wiring parts for controlling the electric heater* with the air conditioner system.
*The electric heater should be designed and prepared at the site.

A basic connection method is shown as follows:(For details, refer to its Installation Manual.)



For relay X use the specifications given below
Operation coil
Rated voltage : 12VDC
Power consumption : 0.9W or less
The length of the electrical wiring for the CN24RELAY-KIT-CM3 is 2 meters (6-1/2 ft)
To extend this length, use sheathed 2-core cable.
Control cable type : CVV, CVS, CPEV or equivalent.
Cable size : 0.5 mm² ~ 1.25 mm² (16 to 22 AWG)
Don't extend the cable more than 10 meters (32ft)

Recommended circuit



Item	① External output cable	② Connector (for use with the panel heater)	
Quantity	2	3	
Shape			

Refer to the Installation Manual for wiring and installation details.

8-8. Drain Pump Kit PAC-KE04DM-F for PEFY-NMHU-E

If drain water can not flow out the Indoor unit by gravity and gradient, a Drain pump for draining is needed.
Drain pump PAC-KE04DM-F can pump water up to 550mm [21-21/32 in.] high from the drain pan.

Item	① Drain pump ass'y	② Separator	③ Rubber plug	④ Connector	⑤ Dummy connector
Quantity	1	1	2	1	1
Shape					
Item	⑥ Rubber bushing	⑦ Band	⑧ PTT screw 4X10	⑨ Fixing plate	⑩ Installation manual
Quantity	1	2	6+1 (spare)	1	1
Shape					

Detailed installation information should be referred to its Installation Manual (WT03312X02)